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CANNON AFB, CLOVIS, NEW MEXICO REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
SEP 81
UNCLASSIFIED USAFETAC/DS-81/083 S81-AD-0850 111 NI

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CANNON AFB, CLOVIS, NEW MEXICO REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
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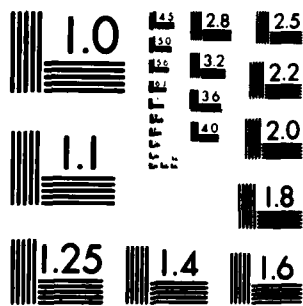
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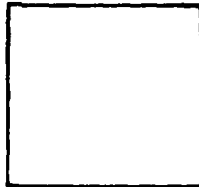
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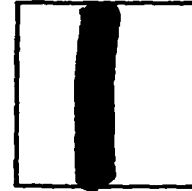


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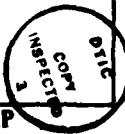
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AD-E850 111

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

CANNON AFB NM
N 34 23 W 109 19 FLD ELEV 4295 FT CVS WBAN #23008
WMO #

PARTS A-F
FOR FROM HOURLY OBS: MAR 69 - DEC 70, JAN 73 - FEB 81
FOR FROM DAILY OBS: JAN 43 - NOV 46, NOV 51 - FEB 81
TIME CONVERSION GMT TO LST: -7

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

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AWS Scientific and technical
Information Officer (STINFO)

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ADE 850 III

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 81/083	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Cannon AFB, Clovis, New Mexico		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Cannon AFB, Clovis, New Mexico It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*New Mexico Cannon AFB, New Mexico

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

During the period of record Jan 73-Jun 74, Canton 123 weather station had limited operating hours. Generally the station was closed during the hours 0000 LST through 0500 LST, and therefore total observation counts for these hours were reduced 10-20%. Although the effects are not always obvious, this change from full time to part time operations for this 18 month period will affect this summary. Therefore, all users of this RUSSWO should be aware of the following:

a. For the months Jan through Jun, the base weather station was inoperative at 0100 and 0200 LST. Therefore, the hour group 00-02 LST will be slightly biased towards the first hour of this hour group.

c. For the months Jan through Jun, the base weather station was inoperative at 0300-0400 LST. Therefore, the hour group 03-05 LST will be slightly biased towards the last hour of this hour group.

c. The months Jul through Dec, for the hours 0000 LST through 05 LST, contain 9 years of data and may not be representative of meteorological conditions existing during 1973.

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, hourly, Summary of the Day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. The stations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations with similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
23008	Cannon AFB New Mexico/Clovis	N 34 23	W 103 19	4295	CVS	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Clovis AAB New Mexico	AAF	Jan 43	Nov 46	N 34 23	W 103 19	4294	4300	24
2	Cannon AFB New Mexico	AFB	Nov 51	Nov 51	Same	Same	Same	4301	8
3	Same	Same	Dec 51	Feb 58	Same	Same	Same	Same	24
4	Same	Same	Mar 58	Aug 61	Same	Same	Same	Same	24
5	Same	Same	Sep 61	Dec 63	Same	Same	Same	4279	24
6	Same	Same	Jan 64	Jun 72	Same	Same	4295	4283	24
7	Same	Same	Jul 72	Dec 74	Same	Same	Same	Same	18-19
8	Same	Same	Jan 75	Dec 78	Same	Same	Same	Same	24
9	Same	Same	Jan 78	May 81	Same	Same	Same	4303	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 43 to Jun 46	Located 60 ft W of control tower	Selsyn	ML-144D	70 ft	
2	Nov 51 to Feb 54	1. Located on the control tower 2. Same	AN/GMQ-1 Selsyn	ML-204B ML-144D	88 ft 91 ft	
3	Mar 54 to Mar 55	Located on the control tower.	Selsyn	ML-144D	91 ft	
4	Apr 55 to May 60	Same	Same	Same	98 ft	
5	Jun 60 to Feb 62	Located 1050 ft SE of 03/21 rnwy, 750 ft NE of taxiway 2.	AN/GMQ-1	RO-2	13 ft	
6	Mar 62-26 Feb 63	Located 100 yds SW of observing site building.	Same	Same	Same	

NUMBER OF ACTION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
7	27 Feb 68 to Jun 70	1. Located 550 ft WNW and 1400 ft down rnwy 21. 2. Located midway along and 1050 ft SE of rnwy 03/21.	AN/GMO-11 Same	RO-2	13 ft Same	
8	Jul 70 - Dec 72	1. Located 475 ft WNW and 1450 ft from end of rnwy 21. 2. Located 475 ft WNW and 775 ft from end of rnwy 03.	AN/GMO-20 Same	RO-362	Same Same	
9	Dec 78	1. Same 2. Same	Same Same	Same	Same Same	
10	Jun-81	1. Same 2. Same	Same Same	Same	Same Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

27 08

CANNON AFB NM

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		.6	.5	4.2		5.4	8.4		.5		9.0	752
	03-05		.7	.8	4.6		6.0	10.0		.7	.3	11.0	747
	06-08		1.3	1.6	5.5		8.0	13.9		.2	.1	14.2	930
	09-11		1.0	.5	6.0		7.0	10.0		.5	.3	10.5	930
	12-14		.9	.5	5.3		6.3	7.2		.6	.8	8.5	930
	15-17		.9	.2	4.7		5.8	5.5		.2	.3	6.0	930
	18-20		.4	.9	3.1		4.4	6.0		.1	.1	6.2	930
	21-23		.9	1.1	3.4		5.4	7.8		.3	.3	8.5	930
TOTALS			.8	.8	4.6		6.0	8.6		.4	.3	9.2	7159

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2778 STATION CANNON AFB NM 70,73-81 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		1.2	.8	3.7		5.7	10.2		.4	.5	11.2	734
	03-05		1.4	.9	3.4		5.7	11.9		.6	.7	12.9	703
	06-08		.8	.6	3.6		4.9	13.5		.5		13.7	845
	09-11		2.7	.7	4.1		7.3	10.0		.6	1.3	11.6	846
	12-14		1.9	.5	2.5		4.7	4.5	.4	.4	2.4	7.2	846
	15-17		1.8		2.2		3.9	3.9		.4	1.5	5.6	845
	18-20		1.7		3.0		4.6	4.0	.1	.4	.5	4.9	843
	21-23		1.4	.4	3.8		5.6	7.1		.4	.4	7.6	843
TOTALS			1.6	.5	3.3		5.3	8.1	.1	.5	.9	9.3	6505

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25008
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.1	2.2	.1	3.8		5.9	5.8			.1	5.9	814
	03-05	.3	2.8		4.5		6.8	7.9	.4			8.3	783
	06-08	.1	4.0	.2	3.8		7.7	9.8	.1		.1	10.0	930
	09-11	.1	3.3	.3	3.7		6.7	6.2	.1	.1	1.9	8.2	930
	12-14	.4	2.6	.2	4.2		6.6	3.8		.1	3.7	7.4	930
	15-17	.4	2.2		3.0		5.1	2.9	.3	.1	3.3	6.6	930
	18-20	.5	2.7		2.0		4.6	2.8			.9	3.7	930
	21-23	.1	3.5		1.8	.1	5.5	4.4		.2	.4	5.1	930
TOTALS		.3	2.9	.1	3.4	.0	6.1	5.5	.1	.1	1.3	6.9	7177

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008

CANNON AFB NM

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.6	3.4		.6		3.9	2.9	.1	.1	.9	4.0	791
	03-05	.1	3.1		.5		3.6	6.1			.5	6.6	770
	06-08	.2	3.1		.9		4.0	7.0			.4	7.4	900
	09-11	.6	3.7		.9	.1	4.3	2.8	.1	.1	1.3	4.2	900
	12-14	1.2	2.8		.6	.1	3.1	.7		.1	2.7	3.4	900
	15-17	1.3	3.2		.3		3.4	1.6	.1	.1	3.7	5.3	900
	18-20	2.1	4.0		.	.1	4.8	1.4	.2	.2	1.6	3.0	897
	21-23	1.0	3.9		.9		4.6	1.4	.4	.3	1.0	3.1	897
TOTALS		.9	3.4		.7	.0	4.0	3.0	.1	.1	1.5	4.6	6955

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

27008

CANNON AFB NM

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.7	3.7				3.7	2.2				2.2	806
	03-05	.5	2.4				2.4	5.8			.1	5.9	776
	06-08	.3	1.8		.2		2.0	6.9	.1		.3	7.2	929
	09-11	.5	2.6		.2		2.7	1.9	.1		.2	2.2	930
	12-14	2.2	3.9		.1	.1	3.9	.8			.1	.9	930
	15-17	3.9	4.3			.2	4.3	1.3			.9	2.2	930
	18-20	5.4	5.1		.1	.2	5.2	.5	.3		1.1	1.9	930
	21-23	3.3	3.9				3.9	.8			.2	1.0	930
TOTALS		2.2	3.5		.1	.1	3.5	2.5	.1		.4	2.9	7161

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

27 JUN

STATION

CANNON AFB NM

STATION NAME

69-70,73-80

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.2	4.2				4.2	2.3				2.3	768
	03-05	.5	2.7				2.7	4.0	.1			4.1	749
	06-08	.8	2.2				2.2	4.7	.4		.2	5.0	899
	09-11	.3	1.7				1.7	.7			.7	1.3	900
	12-14	1.8	1.6				1.6	.3			1.0	1.3	899
	15-17	6.3	4.6			.1	4.6				1.3	1.3	900
	18-20	5.3	5.2				5.2	.3			.9	1.2	898
	21-23	2.9	3.7				3.7	.4			.1	.6	898
TOTALS		2.5	3.2			.0	3.2	1.6	.1		.5	2.1	6911

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

2308

CANNON AFB NM

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	3.0	4.5				4.5	1.2				1.2	831
	03-05	1.0	3.0				3.0	3.5	.1			3.5	832
	06-08	.6	3.1				3.1	4.7	.3			4.8	930
	09-11	.2	2.3				2.3	1.5	.2			1.7	930
	12-14	1.8	2.3				2.3	.6				.6	930
	15-17	5.4	3.4			.1	3.4				.1	.1	930
	18-20	7.3	5.6				5.6						930
	21-23	4.5	6.2				6.2	.2			.2	.4	930
TOTALS		3.0	3.8			.0	3.8	1.5	.1		.0	1.5	7243

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

27008

CANNON AFB NM

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	3.4	5.9				5.9	1.5				1.5	851
	03-05	2.6	5.0				5.0	2.8				2.8	852
	06-08	.3	2.2				2.2	3.9			.1	4.0	930
	09-11	.1	1.7				1.7	.3				.3	930
	12-14	1.7	2.3			.1	2.3	.3			.1	.4	930
	15-17	4.8	4.4				4.4	.1			.1	.2	930
	18-20	6.2	5.6				5.6				.2	.2	930
	21-23	3.7	5.8				5.8	.1				.1	930
TOTALS		2.9	4.1			.0	4.1	1.1			.1	1.2	7283

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23008

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.5	7.4				7.4	5.8				5.8	810
	03-05	.4	6.9				6.9	6.8				6.8	810
	06-08	.2	6.7				6.7	12.2	.3			12.5	899
	09-11	.1	6.7				6.7	4.8	.1			4.8	900
	12-14	1.8	6.9				6.9	1.8	.2			1.8	900
	15-17	3.3	5.2				5.2	1.4	.3			1.4	900
	18-20	1.2	4.1				4.1	2.1	.2		.1	2.2	900
	21-23	1.7	5.8				5.8	3.7			.1	3.8	900
TOTALS		1.3	6.2				6.2	4.8	.1		.0	4.9	7019

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23-08 STATION CANNON AFB NM 69-70, 73-80 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.2	4.6		.4		4.9	4.2	.4		.4	4.9	850
	03-05	.7	4.8		.5		5.3	6.2	.8		.1	7.1	848
	06-08	.4	5.3		1.0		6.2	11.3	.5		.1	11.4	930
	09-11	.1	4.6		1.0		5.6	5.8	.3		.1	6.1	930
	12-14		3.5		1.1		4.5	2.8	.1			2.9	930
	15-17	.3	2.5		.9		3.3	2.4	.1		.1	2.6	930
	18-20	.9	3.1		.9		4.0	2.7	.3			3.0	930
	21-23	1.0	3.6		.5		4.0	3.3	.3			3.7	929
TOTALS		.6	4.0		.8		4.7	4.8	.4		.1	5.2	7277

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2008

CANNON AFB NM

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.2	3.0	.4	2.5		5.8	5.4		.7		5.7	840
	03-05		2.2	.2	2.7		5.2	7.5		.9	.1	8.1	811
	06-08		2.9	.1	2.0		5.0	10.0		.9	.1	11.0	900
	09-11		2.8		2.2		4.9	5.1	.4	1.0	.1	6.6	900
	12-14	.1	1.9		1.6	.1	3.6	2.4	.2	.7	.7	4.0	899
	15-17	.1	2.1	.1	1.7		3.9	2.9	.1	.7	.2	3.6	900
	18-20	.3	1.3	.1	2.3		3.8	3.9		.3		4.1	900
	21-23		1.4	.6	2.0		4.0	3.9		.4		4.0	900
TOTALS		.1	2.2	.2	2.1	.0	4.5	5.1	.1	.7	.2	5.9	7050

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

27 006
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		1.2	.2	3.1		4.4	4.5		.5		5.0	868
	03-05		.7	.6	2.9		4.2	3.8		.4		4.2	837
	06-08		.6	.2	3.7		4.5	5.8		.3	.2	6.3	930
	09-11		.6		4.4		4.8	4.6		.3	.6	5.6	930
	12-14		1.0		3.7		4.6	3.0	.2	.6	.4	4.3	930
	15-17		.9		2.9		3.6	1.8	.2	.4	.6	3.0	929
	18-20		1.3		2.4		3.7	2.0		.3	.4	2.8	927
	21-23		.9		2.8		3.7	3.2		.4		3.7	927
TOTALS			.9	.1	3.2		4.2	3.6	.1	.4	.3	4.4	7278

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23.08 CANNON AFB NM 69-70,73-81 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		.8	.8	4.6		6.0	8.6		.4	.3	9.2	7109
FEB			1.6	.5	3.3		5.3	8.1	.1	.5	.9	9.3	6505
MAR		.3	2.9	.1	3.4	.0	6.1	5.5	.1	.1	1.3	6.9	7177
APR		.9	3.4		.7	.0	4.0	3.0	.1	.1	1.5	4.6	6955
MAY		2.2	3.5		.1	.1	3.5	2.5	.1		.4	2.9	7161
JUN		2.5	3.2			.0	3.2	1.6	.1		.5	2.1	6911
JUL		3.0	3.8			.0	3.8	1.5	.1		.0	1.5	7243
AUG		2.9	4.1			.0	4.1	1.1			.1	1.2	7283
SEP		1.3	6.2				6.2	4.8	.1		.0	4.9	7019
OCT		.6	4.0		.8		4.7	4.8	.4		.1	5.2	7277
NOV		.1	2.2	.2	2.1	.0	4.5	5.1	.1	.7	.2	5.9	7050
DEC			.9	.1	3.2		4.2	3.6	.1	.4	.3	4.4	7278
TOTALS		1.2	3.1	.1	1.5	.0	4.6	4.2	.1	.2	.5	4.8	84968

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS XX
XX XXXXXXXXXXXXXXXXXXXX XX
ATMOSPHERIC PHENOMENA

21000

CANNON AFB NM

43-46, 51-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.3	12.1	3.8	16.3	.1	23.1	18.6	.3	1.9	.2	19.6	950
FEB		.2	16.4	2.9	15.9	.3	27.6	23.1	.6	2.2	.2	23.9	876
MAR		2.9	18.9	1.3	11.7	1.2	26.2	16.3	1.1	1.3	.2	17.8	916
APR		8.0	25.1	.4	3.0	1.9	25.7	14.7	1.1	.2	.8	15.8	691
MAY		21.0	33.7		.3	4.2	33.7	13.8	1.2		.3	14.7	930
JUN		28.6	36.1			3.4	36.1	7.9	.9		.6	8.8	888
JUL		31.6	41.3			1.5	41.3	8.2	.9		.3	8.9	925
AUG		28.9	40.7			.9	40.6	10.4	.8		.1	12.5	930
SEP		14.5	32.6			.7	32.3	21.1	1.3		.1	21.5	909
OCT		6.5	21.5	.2	1.7	1.1	22.0	18.5	1.3		.1	18.7	926
NOV		2.4	15.1	1.0	7.5	.2	18.9	17.6	1.0	.5		18.1	916
DEC		.7	13.6	2.9	12.6		20.8	15.7	.4	1.3	.1	16.5	954
TOTALS		12.1	25.6	1.0	5.7	1.3	29.0	15.5	.9	.6	.2	16.2	11011

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800IST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

23-08 STATION CANNON AFB NM STATION NAME 43-46, 51-81 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	77.7	13.5	1.4	2.7	1.1	1.6	1.7	.4						8.7	1029	.41	1.36	.00
FEB	74.1	14.8	1.4	3.4	2.3	2.3	1.5	.1	.1					11.1	959	.39	1.70	TRACE
MAR	75.4	14.4	1.0	2.8	2.2	2.7	1.0	.5	.1					10.3	1023	.48	2.06	TRACE
APR	75.7	12.6	1.2	3.3	2.0	2.1	1.8	1.1	.1					11.7	990	.64	2.10	.00
MAY	67.1	16.3	1.6	4.1	2.1	2.8	2.9	1.9	1.3					16.6	1023	1.55	6.71	.08
JUN	64.5	13.6	3.0	3.6	2.7	4.5	3.4	3.1	1.3					21.8	990	2.01	5.45	TRACE
JUL	60.5	13.7	2.4	6.0	2.6	4.9	4.2	3.3	2.2	.1				25.8	1023	2.71	11.44	.26
AUG	59.5	15.6	1.8	5.3	3.8	4.9	4.3	3.5	1.3					24.8	1023	2.32	6.60	.16
SEP	67.8	12.7	1.7	4.8	2.1	3.2	3.9	2.4	1.1	.1				19.5	990	1.68	5.88	TRACE
OCT	78.8	7.7	1.2	3.6	1.0	2.8	2.4	1.1	1.3	.1				13.5	1023	1.32	6.18	.00
NOV	81.3	7.8	1.4	2.5	2.3	2.5	1.9	.2	.1					10.8	970	.47	2.10	TRACE
DEC	80.4	9.8	1.6	3.0	1.7	1.7	1.7	.2						9.8	1008	.40	1.92	TRACE
ANNUAL	71.9	12.7	1.6	3.8	2.2	3.0	2.6	1.5	.7	.0				15.4	12051	14.38		

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFB WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION CANNON AFB NM

43-46, 51-61

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	*TRACE	TRACE	.01	.01	.56	.55	.30	.83	.22	.07	.24	.44	.03
44	.29	.30	TRACE	.46	1.23	1.65	.34	2.21	.71	.56	.17	.47	2.01
45	.35	.10	.10	.02	.20	TRACE	.99	.64	.21	.31	TRACE	.73	.99
46	.77	.10	.17	.06	.06	.30	1.48	1.25	1.50	1.33*	.33		
51											*	.01	
52	.55	.28	.06	.65	.31	.52	1.27	.51	.64	.00	.46	.48	1.27
53	.49	.41	.13	.15	.49	.14	1.21	1.42	TRACE	.51	.03	.32	1.42
54	.14	.05	.08	1.60	1.37	1.04	.39	2.45	.51	1.66	TRACE	.02	2.45
55	.08	.01	.05	.58	.41	.24	.64	.38	.38	.42	.08	.03	.64
56	.04	.59	TRACE	.37	.83	.75	1.52	.30	.02	1.00	TRACE	TRACE	1.52
57	.11	.33	.74	.56	1.99	.78	.39	.43	.85	.93	.30	TRACE	1.99
58	.89	.19	.63	.30	1.50	1.88	1.51	.76	1.58	.39	.36	.11	1.88
59	.25	.10	.15	.79	.68	1.09	1.32	.98	.12	.65	.01	.61	1.27
60	.51	.47	.33	.34	1.06	1.36	3.65	1.50	.64	2.78	TRACE	.56	3.65
61	.38	.24	.71	.15	.14	.87	1.45	.70	.66	.07	.35	.35	1.45
62	.40	.45	.45	.23	.16	.20	1.24	.57	.67	.45	.17	.21	1.24
63	.11	.33	TRACE	.06	2.04	2.50	.86	.90	.67	.32	.33	.14	2.50
64	.04	.33	.25	TRACE	.50	1.87	.26	.44	.91	.04	.43	.35	1.87
65	.06	.12	.24	.34	.40	.75	.53	.53	.57	.27	TRACE	.20	.75
66	.10	.08	TRACE	.30	.37	.97	.53	1.25	1.37	.11	.51	.01	1.37
67	.00	.02	.22	.55	.36	2.10	1.27	1.16	1.35	.05	.01	.16	2.10
68	.72	.07	.84	.11	.63	.35	.61	1.05	.85	.24	.27	.11	1.05
69	.12	.30	.45	.50	1.82	.58	.62	.41	.79	1.14	.27	.47	1.82
70	.01	.12	.24	.66	.11	.80	1.48	.43	2.95	.20	TRACE	.03	2.95
71	.06	.19	.22	.70	.65	1.71	.64	.90	1.19	1.03	1.74	.41	1.74
72	.14	.05	.12	.30	.58	.92	2.50	.97	1.12	1.13	.26	.25	2.50
73	.31	.35	1.24	.65	.81	.82	1.29	.19	.56	.61	.05	.02	1.29
74	.35	.12	.54	TRACE	.08	.92	.23	2.16	1.01	1.45	.11	.37	2.16
75	.19	.24	.17	.58	.22	.53	.94	.85	.69	.03	.32	.01	.94
76	.01	.14	.08	.44	.73	.50	.89	1.93	1.04	.34	.21	TRACE	1.93
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 61

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

2-00 CANNON AFB NM 43-46, 51-61
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	*TRACE	TRACE	.01	.01	.61	1.25	1.02	1.19	.45	.8	.39	.63	9.64
44	.35	.33	TRACE	.77	2.09	3.12	.77	3.33	2.22	1.28	.43	.75	15.51
45	.35	.27	.15	.35	.25	TRACE	2.46	1.76	.50	.63	TRACE	.03	6.20
46	1.20	.15	.21	.76	.09	.56	2.00	1.55	3.36	4.72*	.46		
51											*	.01	
52	.55	.17	.09	2.10	.59	1.73	1.97	.63	.62	.01	1.43	.63	11.62
53	.49	.65	.13	.46	.82	.16	2.35	2.80	TRACE	.91	.03	.72	9.12
54	.14	.13	.08	2.25	1.76	1.74	.41	4.87	.56	2.39	TRACE	.02	14.15
55	.22	.01	.06	.66	1.77	.79	2.73	1.08	1.41	.51	.78	.74	9.36
56	.5	1.47	TRACE	.47	1.06	1.82	3.41	.71	.02	1.24	TRACE	TRACE	11.25
57	.11	.44	1.78	1.26	4.32	.78	.41	1.16	.86	2.70	.66	TRACE	13.78
58	1.35	.19	2.06	.96	2.29	3.28	4.78	1.88	5.88	.64	.55	.12	23.95
59	.26	.12	.32	.18	1.05	4.19	4.55	3.52	.22	1.55	.01	1.92	17.89
60	1.36	.97	.33	.34	1.06	3.16	11.44	2.93	1.01	6.18	TRACE	1.72	31.50
61	.61	.36	1.42	.9	.30	1.84	3.55	2.98	.78	.12	1.12	.82	13.98
62	.92	.56	.45	.52	.19	.58	4.45	.16	2.64	1.13	.31	.29	12.20
63	.17	.45	TRACE	.06	3.24	5.45	2.13	2.26	.91	.63	.42	.68	15.78
64	.07	.57	.37	TRACE	.53	3.17	.26	.76	2.07	.06	1.10	.46	9.42
65	.11	.28	.40	.49	1.09	1.57	1.33	1.03	1.55	.53	TRACE	.40	6.77
66	.19	.13	TRACE	.51	.76	3.22	1.23	6.02	1.94	.11	.54	.01	14.64
67	.00	.05	.39	.65	.36	5.16	4.14	3.05	2.37	.08	.31	.37	16.63
68	1.19	.22	1.35	.18	1.42	.83	1.35	3.72	.85	.75	.51	.21	11.23
69	.13	.45	1.40	.90	6.71	.93	1.73	1.10	2.08	4.17	.30	.91	20.81
70	.01	.16	.76	.66	.22	2.24	2.90	.71	4.02	.50	TRACE	.03	12.21
71	.06	.20	.22	.31	.92	1.95	1.98	3.16	3.73	1.47	2.10	.21	17.41
72	.28	.10	.12	.00	1.30	2.58	5.79	3.59	1.76	2.73	.79	.43	19.47
73	.74	.51	1.96	1.41	2.30	1.49	6.03	.38	1.41	.77	.05	.02	17.16
74	.63	.12	.61	TRACE	.08	1.45	1.29	6.60	2.17	4.77	.18	.63	18.53
75	.18	1.05	.28	1.24	.43	1.36	4.24	1.11	1.62	.03	.71	.01	12.26
76	.01	.14	.11	.98	1.61	1.11	2.49	3.11	2.54	.66	.53	TRACE	15.18
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

EXTREME VALUES
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

2100	CANNON AFB NM	43-46, 51-81
STATION	STATION NAME	YEARS

<div style="text-align: center;">MONTH YEAR</div>	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
77	.41*	.32	.51	1.20	3.16	1.88	1.67	3.27	1.12	1.29	.42	.64	*15.29
78	.57	1.70	.30	.84	2.41	3.51	1.52	1.97	1.11	.67	1.37	.49	16.46
79	.46	.10	.24	1.22	3.34	3.19	2.71	2.84	1.31	.21	.25	.20	16.10
80	.19	.56	.60	.16	3.10	.41	.26	2.30	2.07	.55	.70	.43	16.83
MEAN	.407	.388	.484	.642	1.552	2.013	2.709	2.322	1.675	1.313	.469	.432	14.631
S.D.	.399	.399	.563	.566	1.445	1.370	2.206	1.544	1.256	1.574	.506	.471	4.935
TOTAL OBS.	1029	959	1023	990	1023	990	1023	1023	990	1023	970	1003	12053

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

27-08 CANNON AFB NM 46, 51-81
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	83.5	17.6	2.0	1.9	.7	.5	.3	.5						5.9	961	2.8	10.1	.0
FEB	83.8	9.5	1.1	2.6	1.8	.5	.5	.2						6.8	874	3.0	15.8	TRACE
MAR	88.8	7.1	1.1	1.7	.8	.3	.1		.1					4.1	930	1.7	10.7	.0
APR	96.6	2.7	.2	.3		.1	.1							.8	900	.3	5.0	.0
MAY	99.8	.1		.1										.1	930	TRACE	.5	.0
JUN	100.0														900	.0	.0	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	100.0														900	.0	.0	.0
OCT	98.5	1.0	.2	.1			.2							.5	930	.3	7.3	.0
NOV	91.9	4.7	.7	1.0	.6	.6	.3	.2						3.4	880	1.7	12.0	.0
DEC	87.1	7.7	1.6	1.9	.5	.4	.5	.2						5.2	915	2.4	8.6	TRACE
ANNUAL	94.2	3.6	.6	.8	.4	.2	.2	.1	.0					2.2	10980	12.2		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

21006 CANNON AFB NM 46, 51-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	5.1	1.0	.5	.0	.0	.0	.0	.0	.0	.0*	5.3		
51											*	1.0	
52	5.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	4.6	5.0	5.5
53	2.4	1.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.4
54	1.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6
55	.4	.1	.5	TRACE	.0	.0	.0	.0	.0	.0	.8	.3	.2
56	.3	5.9	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	5.9
57	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	3.0	TRACE	3.0
58	5.5	1.8	2.6	3.0	.0	.0	.0	.0	.0	.0	TRACE	2.3	5.5
59	1.1	1.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.0	4.0
60	5.1	2.6	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	4.0	5.0
61	3.0	3.0	1.4	TRACE	.0	.0	.0	.0	.0	.0	3.5	3.0	3.5
62	4.0	1.1	3.5	.0	.0	.0	.0	.0	.0	.0	1.7	.0	4.0
63	.9	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.9	1.3
64	.2	3.7	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.9	3.7
65	.3	2.9	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.7	2.9
66	2.2	TRACE	TRACE	.5	.0	.0	.0	.0	.0	TRACE	TRACE	.1	2.2
67	.0	1.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.5	1.6
68	1.0	2.0	1.9	.0	.0	.0	.0	.0	.0	TRACE	1.5	.9	2.0
69	.9	1.6	6.8	.0	.0	.0	.0	.0	.0	.0	TRACE	5.7	6.8
70	.1	1.7	2.4	TRACE	.0	.0	.0	.0	.0	.3	TRACE	TRACE	2.4
71	.6	2.1	2.8	.0	.0	.0	.0	.0	.0	.0	.7	3.6	3.6
72	1.3	.5	TRACE	.0	.0	.0	.0	.0	.0	.5	2.4	3.6	3.6
73	2.5	3.5	1.0	4.0	.0	.0	.0	.0	.0	.0	.5	.2	4.0
74	2.8	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.8
75	1.1	2.0	2.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	2.4
76	.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	3.7	3.0	TRACE	3.7
77	3.7*	.5	.6	TRACE	.0	.0	.0	.0	.0	.0	.1	TRACE	3.7
78	3.0	5.7	2.5	TRACE	.5	.0	.0	.0	.0	.0	2.5	3.1	5.7
79	.5	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.4	TRACE	1.4	1.4
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 84

EXTREME VALUES

5 AFETAC

AIR WEATHER SERVICE/MAC

SNO-FALL

(FROM DAILY OBSERVATIONS)

2005 CANNON AFB NM
STATION STATION NAME

46. 51-81

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

2 03 CANNON AFB NM 46, 51-81
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	10.1	1.0	.5	.0	.0	5.3		
51												1.0	
52	5.5	TRACE	TRACE	TRACE	.2	.0	.0	.0	.0	.0	9.9	7.0	22.4
53	2.4	2.4	.7	.0	.0	.2	.0	.0	.0	.0	TRACE	TRACE	4.5
54	1.7	TRACE	TRACE	.0	.0	.0	.2	.0	.0	.0	.0	.4	2.1
55	.4	.1	.5	TRACE	.7	.0	.0	.0	.0	.0	.8	.4	2.2
56	.4	15.8	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	16.4
57	TRACE	TRACE	TRACE	TRACE	.0	.0	.2	.0	.0	TRACE	4.0	TRACE	4.2
58	8.1	1.8	3.7	3.0	.0	.0	.0	.0	.0	.0	TRACE	2.3	15.9
59	1.0	1.6	TRACE	TRACE	.2	.0	.0	.0	.0	.0	TRACE	7.0	9.6
60	9.1	5.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.6	21.7
61	5.0	4.2	2.9	TRACE	.1	.0	.0	.0	.0	.0	7.2	6.7	26.1
62	5.0	1.1	3.5	.0	.0	.1	.0	.0	.0	.0	1.7	.8	12.1
63	.5	2.5	.0	.0	.0	.0	.2	.0	.0	TRACE	.0	1.4	4.7
64	.2	7.0	3.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.9	11.7
65	.2	4.4	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.9	8.2
66	4.8	TRACE	TRACE	.5	.0	.1	.0	.0	.0	TRACE	TRACE	.1	5.4
67	.0	1.6	TRACE	.0	.0	.1	.0	.0	.0	TRACE	TRACE	1.4	3.7
68	1.0	3.6	4.9	.0	.0	.0	.0	.0	.0	TRACE	1.5	.9	11.9
69	.9	1.6	1.7	.0	.0	.0	.0	.0	.0	.0	TRACE	3.5	21.3
70	.1	1.7	6.7	TRACE	.0	.0	.0	.0	.0	.3	TRACE	TRACE	8.3
71	.6	2.8	2.8	.0	.0	.1	.0	.0	.0	.0	.7	6.7	13.6
72	2.1	1.0	TRACE	.0	.0	.0	.0	.0	.0	.5	2.6	3.9	11.3
73	6.1	4.8	1.1	5.0	.0	.0	.0	.0	.0	.0	.5	.2	17.5
74	2.3	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.5
75	2.2	6.9	2.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.2	12.7
76	.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	7.3	7.0	TRACE	14.9
77	4.4*	.5	.6	TRACE	.0	.0	.0	.0	.0	.0	.1	TRACE	* 5.6
78	7.1	9.7	2.6	TRACE	.5	.1	.0	.0	.0	.0	2.5	6.2	29.6
79	1.1	1.0	TRACE	TRACE	.0	.1	.0	.0	.0	.4	TRACE	2.6	5.1
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

EXTREME VALUES

STATION	STATION NAME	YEARS
2 00	CANNON AFB NM	46, 51-61

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 84

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23 08

CANNON AFB NM

43-46, 51-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	85.7	6.1	3.5	2.2	.8	1.6	.1							6.2	1023			
FEB	90.7	2.8	2.4	1.6	1.3	.9	.2	.1						6.5	958			
MAR	96.6	1.0	1.3	1.0	.1		.1							2.4	1023			
APR	99.2	.6	.1		.1									.2	990			
MAY	100.0														1023			
JUN	100.0														990			
JUL	100.0														1023			
AUG	100.0														1023			
SEP	100.0														990			
OCT	99.6	.2		.1		.1								.2	1023			
NOV	94.5	1.4	1.2	.7	.9	1.1								4.0	966			
DEC	89.7	4.0	2.3	1.4	.9	1.7								6.3	997			
ANNUAL	96.3	1.3	.9	.6	.3	.4	.0	.0						2.3	12029			

USAFETAC FORM 0-15.5 (OL A)
OCT 75

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFN WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION CANNON AFB NM

43-46, 52-54

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	*	*									*	*	*
44	*			TRACE							*		
45	*	TRACE		TRACE									TRACE
46		1									*		
47													
48													
49													
50													
51													
52													
53													
54													
55	TRACE	TRACE	TRACE										
56	TRACE	16											
57	TRACE			TRACE									
58		TRACE											
59	TRACE	1		TRACE									
60		1	TRACE										
61		4	2										
62		1											
63		3											
64		6											
65		4	1										
66		2											
67		1											
68		2											
69		1											
70		1											
71		TRACE											
72		1	TRACE										
73		3											
74	TRACE	TRACE											
75		3											
76		0	TRACE										
MEAN													
S.D.													
TOTAL OBS.													

NOTE * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)
JUL 84

EXTREME VALUES

SNO. CLPT.

(FROM DAILY OBSERVATIONS)

STATION	CANNON AFB NM	42-46, 51-81	YEARS
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DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

STATION CANNON AFB NM

51-21

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51												SSW*43	
52	WNW*47NE	55W	54NNW	40NNW	65NW	*61							
53	WNW*47NE	54NNW	54WSW	52WSW	56S	59W	60NNW	60NNE	38NNE	44NNW	41NNE	54	W 56
54	NNW 42N	56NE	62NE	57SW	46W	62NE	45S	38E	33W	34NNW	47W	56	NE 50
55	SW 56WSW	43NW	61NNW	59E	47SW	*64ESE	*46N	42SSW	40WSW	*47WSW	59W	56	SW *64
56	WSW 50W	43NNE	55W	*57SSE	56SSW	*59NNW	*61NW	42ESE	65W	54NNW	40W	48	ESE 65
57	WSW 48WSW	41NNW	73NNW	52SSW	49S	44SSE	44ENE	40NE	54W	64N	46WSW	51	NNW 73
58	W 54NNW	46S	43WSW	59N	46ESE	50ESE	50NNW	31NNE	40W	36WSW	41W	40	WSW 59
59	WSW 34W	52NNE	56NW	44SW	46W	45NW	35N	32WSW	29NNE	30WSW	34NNE	42	NNE 56
60	SW 39SSW	60WSW	55WSW	40NNE	47SW	55SE	51S	36W	30NNE	40SSW	49WSW	37	SSW 61
61	N 38SW	37WSW	52W	50SSW	50SSW	44NNW	53E	35SSW	41NNE	40N	39WSW	40	NNW 53
62	N 37SW	50WSW	52N	50WSW	48S	43S	40ENE	50NNE	35W	33WSW	*42NNE	35	WSW 52
63	W 44W	45W	43SW	48NNW	44NNW	44N	*42NW	*30NNE	27ENE	37NNE	45N	43	W 49
64	W 49NNE	42S	45W	53SSW	46NNW	43SSE	36SSW	36S	39NE	47SW	53W	36	W 47
65	W 51NNE	*42W	54SSW	45WSW	43ESE	42NNW	41ENE	33WSW	40SSW	40W	48SW	42	W 54
66	W 41N	40W	51NNE	43NNE	48NE	*41S	36N	37N	40NNE	47SSW	35W	52	N 50
67	W 51NNE	45NNE	43SW	57NW	48E	43N	48NE	26S	37N	43NNE	44N	49	W 61
68	N 47W	38W	53SSW	54NNW	55N	43	8/ 30	17/ 38	31/ 40	25/ 38	25/ 47	26/ 52	NNW 55
69	26/ 52	26/ 58	1/ 44	36/ 50	34/ 61	34/ 33	27/ 47	33/ 45	14/ 31	2/ 35	26/ 39	27/ 46	34/ 61
70	29/ 41	29/ 42	1/ 50	28/ 49	2/ 52	26/ 53	1/ 35	8/ 33	4/ 39	36/ 45	26/ 42	30/ 48	26/ 53
71	26/ 43	26/ 46	28/ 54	15/ 53	24/ 42	31/ 46	34/ 41	36/ 45	13/ 39	25/ 40	29/ 42	27/ 41	23/ 54
72	36/ 44	26/ 41	29/ 41	24/ 44	15/ 37	25/ 40	8/ 46	28/ 69	4/ 31	3/ 35	26/ 41	25/ 57	29/ 69
73	36/ 45	29/ 50	25/ 52	25/ 54	25/ 44	22/ 40	32/ 55	3/ 36	2/ 34	3/ 34	23/ 42	22/ 67	22/ 67
74	1/ 34	36/ 47	28/ 45	25/ 54	21/ 48	33/ 47	28/ 52	35/ 62	34/ 70	4/ 38	6/ 32	1/ 31	34/ 70
75	2/ 42	2/ 42	22/ 44	24/ 48	21/ 43	18/ 49	34/ 40	22/ 40	2/ 39	19/ 37	27/ 54	25/ 57	25/ 57
76	36/ 48	36/ 51	25/ 54	22/ 53	34/ 52	32/ 50	13/ 42	3/ 38	1/ 37	2/ 43	2/ 43	2/ 41	25/ 54
77	3/ 41	30/ 55	27/ 52	26/ 50	10/ 41	28/ 51	21/ 36	18/ 40	2/ 37	3/ 40	28/ 46	28/ 63	25/ 63
78	28/ 36	1/ 33	23/ 46	29/ 49	25/ 48	30/ 54	10/ 36	5/ 35	23/ 46	2/ 50	24/ 34	1/ 37	3/ 54
79	29/ 37	7/ 42	30/ 46	27/ 48	21/ 37	21/ 41	16/ 44	30/ 42	2/ 47	2/ 45	34/ 36	3/ 40	27/ 48
80	3/ 42	34/ 50	29/ 54	30/ 51	3/ 38	23/ 45	2/ 33	18/ 31	2/ 31	1/ 35	3/ 33	4/ 34	29/ 54
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

5 (BASED ON LESS THAN FULL MONTHS AND +10 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NM 70,73-81 YEARS JAN MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.0	2.0	1.4	.6	.4	.3					8.6	9.6
NNE	.4	.6	1.8	2.9	.8	.4	.3					7.2	12.6
NE	.5	.9	1.8	1.3	.4							4.9	9.1
ENE	.5	1.0	1.0	.4								2.9	6.7
E	1.0	1.0	.6									2.7	4.8
ESE	.5	1.3	.5	.1								2.4	5.9
SE	.6	.4	.8	.3								2.0	6.2
SSE	.4	1.2	.1									1.7	4.2
S	.9	1.9	.8	.3	.1							4.0	6.3
SSW	.6	1.3	.8									2.7	5.2
SW	1.3	1.3	1.0	.3								3.8	5.2
WSW	1.2	2.4	1.7	1.0	.1							6.4	6.8
W	1.9	6.4	7.3	4.7	.1							20.5	8.0
WNW	.5	2.8	2.4	1.8	.1							7.7	8.0
NW	1.2	3.8	1.9	.8	.1							7.8	6.4
NNW	.9	2.3	1.3	.5								5.0	6.3
VARBL													
CALM												9.8	
	14.2	30.7	25.8	15.7	2.4	.8	.5					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NM
STATION NAME

70.74-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.1	3.3	3.1	.7	.3	.1					10.6	9.9
NNE	.1	1.6	3.1	2.9	.5	.9						9.2	11.4
NE	.5	1.1	1.1	1.1	.3	.4						4.4	9.9
ENE	.1	.3	.4	.8								1.6	9.3
E	.1	.4										.5	4.0
ESE	.4	2.4	.7	.1								3.6	5.6
SE	.3	.5	.4	.4								1.6	7.2
SSE		.8	.3									1.1	5.5
S	1.3	1.7	.4		.1							3.6	4.7
SSW	1.1	1.2	.3	.1	.1							2.8	5.0
SW	.7	1.1	.5	.7								2.9	7.0
WSW	.5	1.9	2.3	.7	.1							5.5	7.6
W	1.5	5.5	6.8	4.0	.5							18.3	8.3
WNW	1.5	2.4	2.4	1.9	.1							8.3	7.7
NW	2.1	4.1	3.6	.5								10.4	6.0
NNW	1.2	2.5	1.6	.7								6.0	6.0
VARBL													
CALM												9.4	
	12.4	29.7	27.2	17.0	2.5	1.6	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23.08
STATION

CANNON AFB NM
STATION NAME

70,73-81
YEARS

JAN
MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	3.5	1.8	.3	.2						9.8	8.4
NNE	.4	1.1	2.4	3.5	.8	.2	.2					8.6	11.6
NE	.5	.6	1.7	1.3	.2							4.4	9.2
ENE	.3	1.0	1.4	.3	.1							3.1	7.1
E	.9	.3	.5	.1								1.8	5.0
ESE	.2	.6	.9	.1								1.8	6.7
SE	.1	.8	.5	.5								1.9	7.9
SSE	.1	.8	1.0	.1								1.9	7.3
S	.6	1.7	.5									2.9	5.2
SSW	.4	1.5	.3		.1							2.4	5.5
SW	.6	1.2	.8									2.6	5.1
WSW	.8	1.7	2.3	1.2								5.9	7.4
W	1.6	4.6	7.8	2.8	1.1	.1						18.1	8.4
WNW	2.3	3.5	2.5	1.8	.2							10.3	6.8
NW	2.2	3.7	3.1	.6								9.6	6.0
NNW	1.4	3.0	2.4	.4	.1							7.3	6.3
VARBL													
CALM												7.5	
	13.9	28.6	31.6	14.7	2.9	.5	.2					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25006 STATION CANNON AFB NM 70.73-81 YEARS JAN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	2.5	2.2	.8	.4						8.0	10.6
NNE	.2	.8	1.8	3.1	.6	.9	.2	.1				7.7	13.5
NE	.5	1.0	1.9	2.5	.3	.2						6.5	10.4
ENE	.3	.8	1.3	.6	.1							3.1	8.8
E	.3	.8	1.9	.3	.3							3.7	8.6
ESE	.3	.2	.4	.5								1.5	8.3
SE	.3	.2	.5	.3								1.4	7.2
SSE	.6	1.2	1.0	.6								3.4	6.9
S	.4	1.2	2.6	.8								4.9	7.6
SSW	.4	.6	1.3	.9	.1							3.3	8.4
SW	.6	.9	2.3	1.8	.3							5.9	9.4
WSW	.1	2.3	3.5	3.8	.4							10.1	9.9
W	.6	3.4	6.8	7.2	2.2	.6	.2					21.1	11.2
WNW	.5	2.2	2.0	2.3	.9	.1						8.0	9.8
NW	.3	.8	1.0	.8	.3							3.1	9.1
NNW	.3	1.2	1.4	.2		.1						3.2	7.2
VARBL													
CALM												5.1	
	6.5	19.1	32.3	27.8	6.3	2.4	.4	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NM 70,73-81 YEARS JAN MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.5	.8	2.3	1.7	.8	.4	.1					6.6	11.6
NNE	.1	.4	1.8	2.3	.5	.3	.4					5.9	13.8
NE	.4	1.1	1.2	1.4	.4	.2						4.7	10.1
ENE	.4	.6	.9	.5								2.5	7.8
E	.3	.8	1.3	1.0								3.3	8.3
ESE	.2	.5	.9	.4	.1							2.2	8.6
SE	.5	.3	1.2	.1								2.2	6.8
SSE	.9	.8	1.0	.4								3.0	6.7
S	1.0	1.0	2.3	.9								5.1	7.2
SSW	.4	1.4	1.5	3.0	.3							6.7	10.2
SW	.3	1.3	3.2	3.1	.1	.1	.2					8.4	10.7
WSW	.6	1.5	4.8	5.5	2.4	.3						15.2	11.7
W	1.1	1.4	4.6	8.4	3.2	1.3	.5					20.5	13.4
WNW	.2	1.6	1.5	1.5	.3	.3	.1					5.6	10.6
NW	.2	.5	.9	.8	.2	.1						2.7	10.2
NNW	.1	.1	1.3	1.6								3.1	11.1
VARBL													
CALM												2.5	
	7.4	14.1	30.5	32.6	8.4	3.1	1.4					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27008 STATION CANNON AFB NM STATION NAME 70.73-81 YEARS JAN MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	2.4	1.6	.2	.1	.2					6.5	9.9
NNE	.1	.6	.9	1.7	.4	.1	.2					4.1	12.5
NE	.3	.9	1.5	1.8	.9							5.4	10.6
ENE	.4	.9	.9	.5								2.7	7.7
E	.6	1.5	1.0	.2								3.3	6.1
ESE	.5	.6	1.2	.4								2.8	7.2
SE	.6	.8	1.6	.4								3.4	7.2
SSE	.3	.9	1.9	.3	.1							3.5	7.5
S	1.2	1.8	1.2	.5	.2							4.9	6.7
SSW	.6	1.8	3.3	1.7	.2							7.7	8.4
SW	.6	2.5	3.8	3.3	.1	.2						10.5	9.2
WSW	.8	2.2	5.3	4.6	.9	.3						14.0	10.1
W	.9	2.9	5.1	7.1	2.0	1.2						19.1	11.6
WNW		.6	1.0	1.4	.6	.8	.1					4.5	14.3
NW	.1	.6	.8	.2		.1						1.8	8.7
NNW	.3	.6	.3	.3								1.6	7.2
VARBL													
CALM												4.0	
	7.7	21.0	31.9	26.3	5.7	2.8	.5					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NM STATION NAME 70,73-81 YEARS JAN MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.7	.5	.3	.3						4.9	8.4
NNE	.1	.4	1.6	1.5	.6	.3						4.6	12.1
NE	.5	1.7	1.8	1.2	.2							5.6	8.2
ENE	1.0	1.3	.5	1.0	.1							3.9	7.3
E	1.6	.8	1.1	.2								3.7	5.4
ESE	1.1	1.6	1.3	.1								4.1	5.4
SE	1.0	1.1	2.3	.1								4.4	6.0
SSE	.5	.9	1.0	.1								2.5	6.1
S	1.1	2.7	1.2	.4								4.7	5.7
SSW	1.2	3.1	1.0	.1								5.4	4.9
SW	1.3	4.5	2.5	.4								8.7	5.7
WSW	.8	4.8	3.7	1.0	.1							10.3	6.8
W	1.5	5.1	7.3	3.1	.8		.1					17.8	8.5
WNW	.2	2.2	1.4	1.1								4.8	7.4
NW	.4	1.5	.4	.2	.6							3.2	8.5
NNW	.3	.5			.2							1.1	6.7
VARBL													
CALM												10.3	
	13.8	33.1	28.0	11.1	3.0	.6	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23.08 STATION CANNON AFB NM 70.73-81 YEARS
STATION NAME CLASS ALL WEATHER MONTH JAN
2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.4	.9	.9	.3	.2						5.3	8.2
NNE		.8	1.7	1.6	1.0	.4	.1					5.6	13.0
NE	.3	1.5	1.4	1.0	.4	.1						4.7	9.5
ENE	.6	.2	1.1	.6	.1							2.7	8.4
E	1.2	1.4	1.7	.1								4.4	5.7
ESE	.3	1.0	1.2									2.5	6.3
SE	.5	1.0	1.1	.2								2.8	6.5
SSE	.9	1.0	.9									2.7	5.2
S	.9	1.9	.8	.2								3.8	5.5
SSW	1.1	1.2	.8									3.0	4.7
SW	1.3	2.5	1.5	.1								5.4	5.2
WSW	1.4	3.2	3.8	1.0	.1							9.5	7.1
W	1.7	5.6	9.2	4.0	.6	.2						21.4	8.4
WNW	.6	1.8	3.4	1.0	.2							7.1	7.9
NW	1.3	2.2	.8	.4	.2							4.8	6.1
NNW	.9	1.2	.3	.2								2.6	5.3
VARBL													
CALM												11.8	
	13.7	28.7	30.4	11.3	3.0	1.0	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23.08
STATION

CANNON AFB NM
STATION NAME

70, 73-81
YEARS

JAN
MONTH
ALL
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.9	2.2	1.6	.5	.3	.1					7.4	9.6
NNE	.2	.8	1.9	2.4	.7	.4	.2	.0				6.5	12.5
NE	.5	1.1	1.6	1.4	.4	.1						5.1	9.7
ENE	.5	.8	.9	.6	.1							2.8	7.8
E	.8	.9	1.1	.3	.0							3.0	6.4
ESE	.5	1.0	.9	.2	.0							2.6	6.6
SE	.5	.6	1.1	.3								2.5	6.7
SSE	.5	.9	.9	.2	.0							2.5	6.5
S	.9	1.7	1.2	.4	.1							4.3	6.3
SSW	.7	1.5	1.2	.8	.1							4.3	7.2
SW	.8	1.9	2.0	1.3	.1	.0	.0					6.2	7.8
WSW	.8	2.5	3.5	2.4	.5	.1						9.8	9.0
W	1.3	4.3	6.9	5.2	1.4	.5	.1					19.6	5.9
WNW	.7	2.1	2.1	1.6	.3	.2	.0					7.0	8.7
NW	.9	2.1	1.5	.5	.2	.0						5.3	6.9
NNW	.7	1.4	1.1	.5	.0	.0						3.7	6.9
VARBL													
CALM												7.5	
	11.1	25.4	29.9	19.7	4.4	1.6	.4	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 7109

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM 70.73-81 YEARS FEB MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	1.8	1.2	.3	.3	.1					6.5	9.1
NNE	.4	.7	1.8	1.4	.4	.5						5.2	11.3
NE	.4	1.9	1.6	1.6	.5	.1						6.3	9.5
ENE	.7	.7	.7	.4	.3							2.7	7.5
E	.8	1.0	.7	.1								2.6	5.5
ESE	1.1	.4	.3									1.8	3.4
SE	.8	.3	.3									1.4	4.4
SSE	1.2	1.1	.5	.1								3.0	4.8
S	1.0	1.6	.7	.3								3.5	5.5
SSW	.7	1.4	.3									2.3	4.3
SW	1.6	1.6	1.0	.3								4.5	5.3
WSW	1.2	2.7	1.9	2.3	.7							8.9	8.5
W	2.2	5.0	10.1	4.4	.4	.5						22.6	8.6
WNW	1.0	3.0	3.5	1.5	.1	.1	.1					9.4	6.1
NW	1.0	2.3	2.5	.3								6.0	6.3
NNW	1.0	1.2	1.9	.1	.1							4.4	6.3
VARBL													
CALM												9.0	
	16.2	26.6	29.4	14.0	2.9	1.6	.3					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 STATION CANNON AFB NM STATION NAME 70,74-81 YEARS FEB MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.6	3.8	2.8	.1	1.0	.3	.1				11.7	10.7
NNE	1.3	1.3	1.3	2.0	.6	1.1	.4					8.0	12.1
NE	.3	.6	1.3	.9		.1						3.1	9.6
ENE	.1	.6	.7	.3								1.7	7.3
E	.3	.7										1.0	4.0
ESE													
SE	.4	.3	.3									1.0	4.0
SSE		.7	.6									1.3	6.9
S	.9	.9	.7	.3								2.7	6.0
SSW	1.1	2.0	.3									3.4	4.4
SW	.9	2.0	.4	.7	.1							4.1	7.0
WSW	1.3	2.4	2.1	1.8	.4							8.1	8.1
W	1.7	3.7	6.5	7.0	.6							19.5	9.4
WNW	1.1	2.7	3.4	1.4	.1	.1						9.0	7.6
NW	1.0	4.4	1.8	1.0								8.3	6.3
NNW	.7	3.0	1.6	.1								5.4	6.1
VARBL													
CALM												11.8	
	11.9	27.7	24.9	18.3	2.0	2.4	.7	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22008 STATION CANNON AFB NM 70.73-81 YEARS FEB MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.0	2.6	2.5	1.2	.8						10.9	10.2
NNE	.4	.4	2.0	1.3	1.2	.8						6.0	13.1
NE	.4	.4	1.4	.9	.1							3.2	9.0
ENE	.2	.4	.9		.1							1.7	8.1
E	.6	.5	.2	.6								1.9	7.1
ESE	.4	.2	.1	.1								.8	5.4
SE	.1	.1	.6									.8	7.0
SSE	.1	.6	.2									.9	5.6
S	.6	.8	.9	.2								2.6	6.5
SSW	.5	.8	.9									2.3	6.0
SW	.7	1.5	1.1	.6	.1	.1						4.1	7.2
WSW	.5	1.8	2.8	2.8	.1							8.1	9.1
W	1.5	5.2	8.2	6.2	.8							21.9	8.9
WNW	1.3	3.8	3.8	2.3	.5	.1						11.7	7.9
NW	1.3	2.6	2.0	.4								6.3	5.8
NNW	1.2	3.9	3.4	.5	.1							9.1	6.6
VARBL													
CALM												7.6	
	11.5	25.0	31.4	18.4	4.3	1.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008 STATION CANNON AFB NM STATION NAME 70.73-81 YEARS FEB MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	2.2	1.3	1.1	.6	.1					6.5	12.2
NNE	.1	1.2	1.5	2.4	1.4	1.3	.2					8.2	14.3
NE	.2	.1	1.7	1.3	1.5	.6						5.4	14.3
ENE	.1	1.5	2.0	.7	.2	.1						4.7	9.0
E	.2	1.4	1.3	.4								3.3	7.0
ESE	.1	.1	.5									.7	6.8
SE	.5	.5	.5	.4								1.8	6.9
SSE	.7	.6	.7	.2								2.2	6.3
S	.7	1.1	1.3	.9								4.0	7.7
SSW	.1	.8	1.1	.5								2.5	8.4
SW	.4	1.3	3.2	2.6	.2							7.7	9.7
WSW	.6	1.4	5.0	4.5	1.5							13.0	10.9
W	.4	1.8	6.9	6.7	3.7	1.3	.4					21.1	12.9
WNW	.4	1.7	2.5	2.8	.9	.4	.2	.2				9.1	12.0
NW	.2	.8	1.5	.8	.2	.1						3.8	9.5
NNW	.2	.8	.2	.5	.1	.4						2.2	10.6
VARBL													
CALM												3.7	
	5.4	15.9	32.1	26.0	11.0	4.7	.9	.2				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23.08 STATION CANNON AFB NM 70.73-81 YEARS FEB MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	1.3	1.7	1.2	.6						5.7	13.1
NNE		.2	.8	2.6	.9	.8	.2					5.7	15.4
NE	.6	.6	.7	1.5	1.2	.4						5.0	12.5
ENE	.1	.2	.6	.8	.5							2.2	11.7
E	.5	1.4	2.4	.6	.1							5.0	7.9
ESE	.2	.6	1.1	.1								2.0	7.5
SE	.4	.6	.5	.4								1.8	7.1
SSE		.2	1.2	.7								2.1	9.6
S	.7	1.8	.9	1.9								5.3	8.3
SSW	.4	1.4	2.0	2.2	.1							6.1	9.3
SW	.5	1.3	2.1	4.0	1.1	.2						9.2	11.7
WSW	.4	1.5	2.7	7.3	1.7	.4						13.9	12.2
W	.4	1.2	5.2	6.9	3.9	1.8	1.1	.4				20.7	14.8
WNW	.6	.4	1.4	1.3	.7	.6	.5	.2				5.7	14.9
NW	.2	1.2	.9	.6	.5	.4	.1					3.9	11.0
NNW	.4	.8	.9	.4	.1	.1	.1					2.8	9.5
VARBL													
CALM												2.8	
	5.3	14.3	24.8	33.0	11.9	5.2	2.0	.6				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM 70.73-81 YEARS FEB MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	1.4	1.3	.7							4.4	10.9
NNE	.1	.2	1.3	1.8	.9	.2						4.6	12.8
NE	.4	.7	1.7	1.9	1.8	.1						6.5	12.3
ENE		.2	.9	.8	.6	.1						2.7	12.8
E	.8	.7	1.4	.7	.2							3.9	7.8
ESE	.1	.6	1.1	.4								2.1	7.7
SE	.5	.9	.7	.1								2.2	5.7
SSE	.5	1.3	1.3	.8								3.9	7.6
S	1.1	1.3	3.1	1.7	.1							7.2	8.0
SSW	.7	1.7	2.1	2.1	.2							6.9	9.1
SW		1.1	4.6	4.5	1.2	.4						11.7	11.4
WSW	.5	2.4	2.8	4.9	1.9	.2						12.7	11.5
W	.6	1.7	4.6	6.5	2.8	.9	.7	.1				18.0	13.3
WNW	.4	.5	1.3	1.2	.7	1.1	.2	.2				5.6	15.3
NW	.4	.5	.2	.5	.5	.2	.2	.1				2.6	14.5
NNW	.6	.5	.4	1.1	.6							3.1	10.3
VARBL													
CALM												1.9	
	6.9	14.8	29.0	30.2	12.3	3.3	1.2	.5				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AID WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NM STATION NAME 70.73-81 YEARS FEB MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.0	1.2	.9		.1						5.1	7.3
NNE	.2	.7	1.5	.8	1.7	.6						5.6	13.2
NE	.1	3.4	2.3	.9								7.7	8.7
ENE	.7	1.2	.6	1.1	.8							4.4	10.0
E	.8	.8	1.4	.2	.2							3.6	7.0
ESE	.4	.8	.4	.5								2.0	6.5
SE	1.1	1.3	.4	.2	.1							3.1	5.5
SSE	1.1	2.7	1.7	.2								5.7	5.9
S	1.2	3.0	1.5	.4								6.0	5.6
SSW	1.5	2.4	1.3	.7								5.9	6.2
SW	1.8	5.5	2.1	.5	.2							10.1	6.1
WSW	1.4	4.6	4.6	1.9	.1							12.7	7.3
W	.5	2.7	4.9	3.7	.4		.2					12.3	9.6
WNW		1.3	.9	.6	.1		.1	.1				3.2	10.4
NW	.1	.6	.8	.2	.1							1.9	7.8
NNW	.8	.8	.2	.2								2.1	5.2
VARBL													
CALM												8.5	
	12.6	33.9	25.9	13.2	4.7	.7	.4	.1				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NM
STATION NAME

70.73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.8	1.4	.9	.9	.2		.1					4.5	8.9
NNE	.1	.8	1.2	1.9	1.2	.6	.2					6.0	13.9
NE	.5	1.5	1.5	1.9	.8							6.3	9.9
ENE	1.1	1.5	.9	.6	.2							4.4	6.8
E	.7	1.8	.7	.7	.2							4.2	7.3
ESE	.7	.1	.1	.2								1.2	5.2
SE	.5	1.2	.4	.2								2.3	5.4
SSE	.6	.7	1.2	.2								2.7	6.5
S	1.1	2.1	1.1	.5								4.7	6.1
SSW	1.3	1.7	.6	.4								3.9	5.2
SW	.5	3.8	.9	.4	.2							5.8	6.1
WSW	1.1	3.4	3.8	2.0	.4	.1						10.8	8.1
W	1.1	4.5	8.2	3.7	.5	.1	.4					18.4	9.0
WNW	.5	2.1	2.1	.9	.1							5.8	7.6
NW	.4	2.5	1.9									4.7	6.4
NNW	.9	1.2	.8	.2	.1							3.3	6.2
VARBL													
CALM												10.9	
	11.7	30.5	26.5	14.8	4.0	.8	.7					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM STATION NAME 70.73-81 YEARS FEB MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.4	1.9	1.6	.6	.4	.1	.0				6.8	10.4
NNE	.3	.7	1.4	1.8	1.1	.8	.1					6.1	13.4
NE	.4	1.2	1.5	1.4	.9	.2						5.5	10.8
ENE	.4	.8	.9	.6	.4	.0						3.1	9.1
E	.6	1.0	1.0	.4	.1							3.2	7.1
ESE	.4	.4	.4	.2								1.4	6.3
SE	.5	.7	.4	.2	.0							1.8	5.9
SSE	.5	1.0	.9	.3								2.8	6.6
S	.9	1.6	1.3	.8	.0							4.6	6.9
SSW	.8	1.5	1.1	.8	.0							4.2	7.2
SW	.8	2.3	2.0	1.7	.4	.1						7.3	8.7
WSW	.8	2.5	3.3	3.5	.9	.1						11.1	9.7
W	1.0	3.2	6.8	5.6	1.7	.6	.4	.1				19.3	10.9
WNW	.6	1.9	2.3	1.5	.4	.3	.2	.1				7.4	10.1
NW	.6	1.8	1.4	.5	.2	.1	.0	.0				4.6	7.8
NNW	.7	1.5	1.2	.4	.2	.1	.0					4.0	7.3
VARBL													
CALM												6.9	
	10.1	23.4	28.0	21.2	6.8	2.6	.8	.2				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 6503

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	1.5	1.2	1.4							6.6	10.0
NNE	.2	.2	1.2	2.5	1.7	.1						6.0	13.8
NE	.1	1.5	1.5	.9	.4	.1						4.4	9.3
ENE	.7	1.2	1.4	.6								3.9	6.7
E	1.5	1.1	1.6	.7	.1							5.0	7.0
ESE	1.0	1.4	1.1	.6								4.1	6.2
SE	.4	.7	1.6	1.4								4.1	8.3
SSE	.7	.5	1.2	.4								2.8	6.8
S	1.4	2.1	.9	1.0	.4							5.7	7.1
SSW	1.0	1.1	1.0	.4								3.4	6.1
SW	1.2	2.6	1.5	.4	.1							5.8	6.2
WSW	.9	3.2	2.6	1.2	.2							8.1	7.4
W	.6	3.3	8.7	2.7	.4							15.7	8.5
WNW	.6	1.7	2.7	.9								5.9	7.3
NW	.6	2.6	1.0	.5	.2							4.9	6.8
NNW	1.0	1.4	.6	.2	.1							3.3	5.6
VARBL													
CALM												10.2	
	12.8	26.3	30.0	15.5	5.0	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23.08 STATION CANNON AFB NM STATION NAME 69-70, 74-80 YEARS
ALL WEATHER CLASS
CONDITION
MAP MONTH 0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	1.0	2.3	1.0	.1						6.1	11.4
NNE	.1	.8	1.4	2.2	1.5	.1						6.1	12.8
NE	.9	1.5	.9	1.1	.3							4.7	7.8
ENE	.9	1.5	1.3	1.4								5.1	7.7
E	1.0	.9	.4	.1	.1							2.6	5.6
ESE	.8	1.0	.9	.3								2.9	5.7
SE	.4	.8	1.3	.4	.1							2.9	7.7
SSE	.6	1.3	.9	.9								3.7	7.4
S	.9	1.5	1.7	.6	.1							4.9	7.2
SSW	1.4	1.4	.4	.3								3.4	4.9
SW	.6	1.5	1.4	.4								4.0	6.5
WSW	.5	2.9	2.9	2.2								8.6	7.7
W	1.1	3.1	8.6	2.9	.5	.3						16.5	8.8
WNW	1.4	3.3	3.1	.3	.1	.1						8.3	6.6
NW	1.4	3.3	1.8	1.0	.1	.1						7.8	6.8
NNW	1.1	1.1	.9	.1	.1	.1						3.6	6.4
VARBL													
CALM												8.8	
	13.5	27.5	28.7	16.5	4.1	.9						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23-08 STATION CANNON AFB NM STATION NAME 69-70,73-80 YEARS
ALL WEATHER CLASS
CONDITION
MAP MONTH 0600-0800 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	1.8	2.6	.8	.2						7.6	10.2
NNE	.2	.9	1.6	3.1	1.4	.5						7.7	12.7
NE	.3	.2	1.1	1.7	.1							3.4	10.7
ENE	.3	1.0	.8	.9	.2							3.1	8.7
E	.5	.6	.6	.8								2.6	7.4
ESE	.3	1.1	1.4									2.8	6.6
SE	.5	1.1	1.3	.5								3.4	7.4
SSE	1.2	.5	1.5	1.2								4.4	7.6
S	1.2	1.0	1.9	.6								4.7	6.8
SSW	.3	.5	1.0	.6								2.5	7.9
SW	.8	1.6	1.4	.8		.1						4.6	7.4
WSW	1.0	1.7	3.9	.8	.4	.1						7.8	8.3
W	1.2	4.2	8.9	5.4	.9	.4		.1				21.1	9.6
WNW	1.1	3.2	3.3	1.0	.2	.2						9.0	7.6
NW	1.2	2.4	.9	.6	.1							5.2	6.1
NNW	.5	1.1	.2	.5	.3	.1	.1					2.9	9.3
VARBL													
CALM												7.0	
	11.8	22.2	31.6	21.1	4.4	1.7	.1	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23.06
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	1.1	2.3	.8	.9	.4					5.8	15.6
NNE	.1	1.1	.9	2.6	1.4	.4						6.5	13.1
NE	.1	.5	1.7	2.5	.3							5.2	11.0
ENE	.4	.6	1.3	2.4	.1							4.8	9.9
E	.3	1.3	.3	.6								2.6	7.3
ESE	.1	.3	.4	.2								1.1	7.4
SE	.2	.2	1.8	.6								2.9	9.0
SSE	.3	.2	1.6	1.7	.4	.2						4.5	11.3
S	.4	1.2	3.4	2.2	.5	.3						8.1	10.0
SSW		.5	2.6	2.0	1.0	.1	.3					6.6	12.5
SW	.1	.9	2.0	2.3	.8							6.0	11.8
WSW	.4	.9	3.7	1.0	.6	.1	.1					10.4	12.2
W	.1	1.2	5.5	7.6	3.8	1.5	.5	.8				21.0	14.8
WNW	.2	.4	1.9	2.4	.8	1.0	.2					6.9	14.1
NW		.2	.6	1.0	.1							1.9	11.4
NNW	.1	.4	.4	1.5	.6	.2	.2					3.5	13.8
VARBL													
CALM												2.3	
	3.1	10.3	29.4	35.5	11.5	5.3	1.8	.9				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 06 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS MAR MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.9	1.7	1.5	.1	.3					6.9	12.4
NNE	.1	.5	.8	1.6	1.3	.4	.2					4.9	14.7
NE		.5	1.2	.9	.4	.1						3.1	11.4
ENE	.3	.9	1.3	.8	.2							3.4	8.9
E	.3	1.5	1.2	.6								3.7	7.6
ESE	.1	.5	1.3	.3								2.3	8.2
SE		.2	1.2	.1	.1							1.6	9.1
SSE		.6	1.2	.9	.1							2.8	9.4
S		1.5	2.8	3.2	1.5	.3						9.4	11.9
SSW	.3	.9	2.0	2.3	1.1	.6	.3					7.5	13.1
SW	.2	.4	2.9	3.5	1.9	.9	.2					10.1	13.6
WSW	.1	1.3	2.6	4.6	2.9	1.6	.2	.4				13.8	15.3
W	.3	1.3	2.3	5.5	4.3	1.9	1.1	.5				17.2	16.4
WNW	.2	.3	.6	1.4	.8	1.0	.3	.2				4.8	16.9
NW	.3	.5	1.5	1.0	.1		.1					3.5	9.6
NNW	.1	.4	.6	1.2	.5	.1						3.0	12.7
VARBL													
CALM												1.9	
	3.1	12.2	25.4	29.6	16.8	7.1	2.8	1.2				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM STATION NAME 69-70,73-80 YEARS

MAP
MONTH
1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.4	1.4	1.2	.9	.3	.1				5.8	15.6
NNE	.3	.6	1.2	1.9	.9	.4						5.4	12.2
NE	.4	.6	1.5	.6	.6	.2						4.1	10.9
ENE	.2	.9	.6	1.3	.2	.1						3.3	10.5
E	.1	.5	1.3	.1	.2	.2						2.5	9.7
ESE	.1	.5	1.2	.4								2.3	8.7
SE	.2	.6	1.0	.9	.1							2.8	9.1
SSE	.1	.6	1.6	1.6	.1							4.1	11.3
S	.6	1.0	2.2	4.4	1.2	.5						9.9	12.1
SSW		.5	2.0	3.2	1.2	.2	.2					7.4	13.1
SW	.1	.5	2.2	4.6	2.7	.8	.4					11.3	14.8
WSW	.5	.9	3.2	4.3	2.0	1.1	.1					12.2	13.1
W	.6	1.4	3.3	3.0	3.0	2.4	1.2	.4				15.4	15.9
WNW	.2	.5	1.2	2.2	2.0	.6	.5	.3				7.6	16.6
NW	.1	.2	1.2	.4	.3	.1						2.4	11.0
NNW		.8	.3	.9	.2			.1				2.3	11.3
VARBL													
CALM												1.4	
	3.9	10.8	25.4	31.3	16.0	7.5	2.8	1.0				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 930

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23.08 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS MAR MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	1.5	.6	.4	.6	.2					4.6	12.5
NNE		.3	1.0	1.8	.9	.2						4.2	13.4
NE	.3	1.1	1.6	1.6	1.1	.2						5.9	11.3
ENE	.1	1.3	1.6	1.6	.3							4.9	10.0
E	.4	2.7	1.2	.8	.2							5.3	7.6
ESE	1.9	1.5	1.5	.9	.1							5.9	6.5
SE	.4	1.7	1.1	.3	.2							3.8	7.2
SSE	.1	2.2	2.4	1.3	.1							6.0	8.4
S	.9	3.5	3.1	1.7	.8							10.0	8.1
SSW	1.1	2.9	2.2	.5	.1	.2						7.0	7.1
SW	.6	3.2	2.5	1.5	.1	.1						8.1	7.9
WSW	.3	1.8	1.9	1.4	.2							5.7	8.3
W	.1	2.5	4.7	4.3	.5	.9						13.0	10.9
WNW	.5	.6	1.7	1.7	1.1	.4	.1					6.2	12.0
NW	.2	1.0	.8	1.0	.2	.4						3.5	10.8
NNW	.4	.3	.6	.5	.1	.1						2.2	9.4
VARBL													
CALM												3.7	
	7.7	27.6	29.4	21.6	6.5	3.2	.3					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM STATION NAME 69-70, 73-80 YEARS 4 APR MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.5	.9	.3	.4						3.4	11.3
NNE		.5	1.4	2.0	1.1	.2	.1					5.4	13.4
NE	.1	1.6	1.2	2.2	.5							5.6	10.0
ENE	.5	1.2	1.4	1.1	.3							4.5	8.6
E	1.2	2.3	2.3	1.2								6.9	7.3
ESE	.6	1.1	1.3	1.3	.1							4.4	8.5
SE	.4	1.3	2.2	.3								4.2	7.4
SSE	.8	1.7	2.2	1.0	.1							5.7	7.6
S	2.3	3.0	2.3	.9	.6							9.0	6.9
SSW	.8	1.2	.4	.2								2.6	5.2
SW	.8	4.4	1.1	.6	.3	.1						7.3	6.6
WSW	.3	2.4	2.6	1.9	.2							7.4	8.5
W	.8	3.0	4.8	3.3	.3	.1						12.4	8.9
WNW	.5	1.5	2.2	1.5	.4							6.1	9.1
NW	.6	2.3	1.1	.8	.1							4.8	7.0
NNW	.5	1.2	.4	.1	.3							2.6	7.1
VARBL													
CALM												7.6	
	10.9	29.2	27.2	19.2	4.8	.9	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	1.4	1.6	.9	.4	.2	.0				5.9	12.4
NNE	.1	.6	1.2	2.2	1.3	.3	.0					5.8	13.2
NE	.3	.9	1.3	1.4	.5	.1						4.6	10.3
ENE	.4	1.1	1.2	1.3	.2	.0						4.1	8.9
E	.7	1.4	1.1	.6	.1	.0						3.9	7.4
ESE	.6	.9	1.1	.5	.0							3.2	7.1
SE	.3	.8	1.4	.6	.1							3.2	8.0
SSE	.5	1.0	1.6	1.1	.1	.0						4.3	8.7
S	.9	1.9	2.3	1.9	.7	.2						7.8	9.2
SSW	.6	1.1	1.5	1.2	.4	.2	.1					5.1	10.0
SW	.5	1.9	1.9	1.8	.8	.3	.1					7.2	10.3
WSW	.5	1.8	2.9	2.5	.9	.4	.1	.1				9.3	10.9
W	.6	2.5	5.8	4.4	1.8	1.0	.4	.2				16.5	12.0
WNW	.6	1.4	2.1	1.4	.7	.4	.2	.1				6.9	11.1
NW	.5	1.5	1.1	.8	.2	.1	.0					4.2	8.1
NNW	.5	.8	.5	.7	.3	.1	.0	.0				2.9	9.6
VARBL													
CALM												5.2	
	8.2	20.5	28.3	24.1	8.8	3.5	1.0	.4				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 7177

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM 69-70.73-20 YEARS APR MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.9	1.1	.5	.6	.1						6.3	7.7
NNE	.5	.8	1.3	.8	1.1	.5						4.9	12.1
NE	.9	.5	.9	.3	.1	.1						2.8	7.7
ENE	.3	1.0	.9	.6								2.8	7.1
E	1.5	1.5	1.5	.4	.3							5.2	6.3
ESE	.9	1.6	.1	.3		.1						3.0	5.6
SE	.8	1.9	.8	.4	.1	.1						4.0	6.8
SSE	1.0	1.4	1.6	.8								4.8	7.1
S	2.4	2.7	2.7	2.0	.3							10.0	7.5
SSW	1.0	2.4	.6	1.1								5.2	6.5
SW	1.8	2.0	1.6	.5	.4							6.3	6.5
WSW	1.9	1.9	.9	1.0	.3	.1						6.1	7.0
W	.9	2.9	3.9	2.5	.1							10.4	8.1
WNW	.8	2.5	2.0	1.1	.1							6.6	7.5
NW	1.0	3.2	.8	.5	.1							5.6	6.0
NNW	1.1	1.4	.8	.1	.1							3.5	5.7
VARBL													
CALM												12.5	
	17.7	30.6	21.5	12.9	3.7	1.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS APR MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	1.2	2.6	.8	.3						9.0	8.9
NNE	.4	.9	1.2	1.4	.5	.1						4.5	10.5
NE	.4	1.0	1.7	.1	.3							3.5	7.7
ENE	.6	.4	.5	.3								1.8	5.9
E	.8	2.5	.8			.1						4.2	5.7
ESE	1.3	1.4	1.0	.1								3.9	5.2
SE	.8	.6	.4	.4								2.2	6.0
SSE	.8	.8	1.0	.3								2.9	6.0
S	1.2	1.8	1.7	.9								5.6	6.6
SSW	.8	1.9	1.2	.1								4.0	5.4
SW	1.6	2.2	.6	.4								4.8	5.1
WSW	1.3	2.2	1.9	.8	.3							6.5	7.2
W	2.1	4.3	4.3	1.7	.4	.1						12.9	7.4
WNW	.6	3.1	3.0	.8								7.5	7.0
NW	1.4	3.0	1.7	.5								6.6	5.7
NNW	1.6	2.7	.8	.6								5.7	5.7
VARBL													
CALM												14.4	
	17.0	31.7	23.0	11.0	2.2	.6						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 770

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS APR MONTH
0600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	2.0	2.9	1.7	.6						8.9	12.0
NNE	.3	.6	1.2	2.4	1.2	.4						6.2	13.1
NE	.1	.7	1.2	1.3	.4							3.8	10.5
ENE	.4	.3	.7	.4	.1							2.0	8.2
E	.3	.3	1.4	.4								2.6	7.7
ESE	.3	.9	1.3	.3								2.9	7.3
SE	.4	1.4	1.1	.4								3.4	6.7
SSE	.7	1.4	.6	1.3	.2							4.2	8.1
S	.8	1.7	3.3	1.3	.1		.1					7.3	8.4
SSW	.6	1.8	1.4	.6								4.3	6.6
SW	1.0	1.7	1.0	1.1	.2	.2						5.2	8.2
WSW	.9	3.4	2.1	.7	.2	.4	.1					7.9	8.1
W	1.0	3.2	6.6	3.0	.9	.7	.1					15.4	9.7
WNW	1.1	1.8	2.1	1.1	.7	.1	.1					7.0	8.9
NW	1.2	2.7	1.6	.2	.1							5.8	5.9
NNW	.9	2.1	1.0	.2								4.2	5.4
VARB													
CALM												8.8	
	11.0	24.9	28.7	17.9	5.9	2.4	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

APR
MONTH
0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.8	2.3	1.2	.3						5.6	13.4
NNE	.2	.6	.7	1.9	1.6	.8	.1					5.8	15.0
NE	.3	.4	1.6	2.1	1.0	.2						5.7	12.3
ENE	.4	.4	.8	.8	.1	.1						2.7	9.5
E	.4	1.1	1.0	.7	.1	.1						3.4	8.4
ESE	.2	.3	.7	1.2	.1	.1						2.6	10.5
SE	.2	.8	1.9	.9	.1	.1						4.0	9.4
SSE	.2	1.1	1.4	.7	.2							3.7	8.7
S	.4	1.6	4.8	4.0	.4	.2						11.4	10.4
SSW	.6	1.3	2.1	2.2	.3	.2						6.8	10.1
SW	.3	1.4	3.0	2.1	1.3	.9	.1					9.2	12.3
WSW	.3	1.8	2.9	2.3	1.0	.6	.4	.2				9.6	12.5
W	.7	1.0	3.7	6.2	1.7	1.8	.6					15.6	13.6
WNW		.1	2.1	2.0	.4	1.0	.4	.1				6.2	15.4
NW	.3	.4	.9	1.1	.2							3.0	10.0
NNW		.4	.6	.6	.1							1.7	10.5
VARBL													
CALM												3.2	
	5.2	13.3	28.8	31.1	9.9	6.4	1.7	.3				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25.08 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS APP MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	.8	1.7	.8	.6	.1					4.8	13.6
NNE		.2	1.3	1.4	.4	.4	.1					4.0	13.9
NE	.1	.3	.7	2.2	.4							3.8	12.4
ENE	.2	.7	.9	.6	.2							2.6	9.4
E	.6	.3	1.0	.3								2.2	7.1
ESE	.4	.3	.9	.7	.2							2.6	9.1
SE	.4	.3	1.7	.6	.3							3.3	9.7
SSE	.3	1.2	2.2	3.2	.6	.1						7.7	10.6
S	.3	1.3	2.9	4.6	.9	.2						10.2	11.5
SSW	.6	.8	2.7	1.9	1.7	.9	.3					8.8	13.4
SW	.7	1.1	3.6	3.1	1.0	1.0	.8					11.2	13.1
WSW	.3	.9	5.1	4.0	2.7	1.0	.2	.1				14.3	13.4
W		1.0	3.9	4.1	1.8	.9	1.4	.1				13.2	15.0
WNW	.2	.8	.6	1.1	.8	.4	.9					4.8	16.1
NW	.2	.3	.6	.6		.4		.1				2.2	13.1
NNW	.2	.4	.4	.9	.3							2.3	10.8
VARBL													
CALM												2.0	
	5.0	10.7	29.1	30.9	12.1	6.0	3.9	.3				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2708 STATION CANNON AFB NM 69-70, 73-80 YEARS APR MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	1.3	1.9	.6	.6						5.4	12.0
NNE	.3	.2	.6	1.2	.6	.3						3.2	13.3
NE	.2	.6	.8	1.0	.3	.1						3.0	11.2
ENE	.2	.3	1.4	1.0								3.0	9.3
E	.3	.8	1.6	.7	.1							3.4	8.3
ESE	.1	.7	1.4	1.1	.2							3.6	9.7
SE	.2		1.3	.9	.2	.1						2.8	11.2
SSE	.6	.1	1.2	1.9	.4	.2						4.4	12.1
S	.3	1.4	3.1	6.2	2.2	.4						13.8	12.6
SSW	.1	1.0	1.9	4.0	1.4	.9	.8					10.1	14.4
SW	.6	1.6	3.1	3.4	1.0	1.1	.7					11.4	13.0
WSW	.4	1.4	2.7	3.8	2.1	1.3	.1	.1				12.0	13.5
W	.6	1.3	2.8	3.9	2.6	1.9	.2					13.2	14.2
WNW	.1	.2	.9	1.3	.9	.9	.2	.3				4.9	16.8
NW		.3	.3	.4	.4	.2	.1					1.9	13.9
NNW	.1	.3	1.3	.6	.2	.1						2.7	10.5
VARBL													
CALM												1.1	
	4.6	11.1	25.8	33.3	13.3	8.2	2.1	.4				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 08 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS APR MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	.7	1.2	.8							4.7	9.8
NNE	.1	.7	1.3	1.6	.4	.8	.2					5.1	13.7
NE	.3	1.1	.7	.4	.3							2.9	8.4
ENE	.3	1.2	1.0	.9								3.5	8.0
E	1.1	1.7	2.7	.4	.1							6.0	6.8
ESE	.4	1.3	1.9	.9	.1	.1						4.8	8.3
SE	.4	2.0	1.2	1.1			.1					4.9	7.7
SSE	1.4	3.6	2.8	1.7	1.1	.2						10.8	8.8
S	1.6	2.9	3.5	2.1	.4	.3						10.8	8.5
SSW	1.1	3.0	1.1	1.4	.7	.1						7.5	8.3
SW	1.0	2.8	2.1	1.1	1.0	.2						8.2	8.8
WSW	.3	1.3	2.1	1.0	.6							5.4	9.5
W	.7	2.3	2.9	2.5	1.0	.2						9.6	10.3
WNW	.3	1.7	1.9	.8	.2	.2	.2					5.4	9.9
NW	.7	.6	1.0	.8	.6							3.6	9.3
NNW	.3	1.0	.6	.2								2.1	6.4
VARBL													
CALM												4.8	
	11.0	28.4	27.4	18.2	7.4	2.2	.6					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23008
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.3	1.9	.6	.3	.3						6.2	8.2
NNE	.1	.7	1.2	1.3	.7	.4						4.5	12.4
NE	.3	1.8	1.1	.7								3.9	7.1
ENE	.6	1.2	1.2	.3								3.3	6.5
E	1.6	1.7	1.9	1.3	.1							6.6	6.9
ESE	1.6	2.1	1.7	.7	.1							6.1	6.5
SE	1.5	2.1	1.5	1.5	.1	.1						6.7	7.5
SSE	.8	2.6	2.2	2.5	.9							8.9	9.4
S	2.0	2.3	2.7	2.0	.9	.1	.1					10.2	8.7
SSW	1.0	1.7	.8		.1							3.6	5.3
SW	1.1	2.0	1.7	.6	.3							5.7	7.0
WSW	.7	1.8	1.6	1.2								5.2	7.6
W	1.0	1.6	3.3	1.9	.2	.1						8.1	8.8
WNW	.7	1.0	1.7	.6								3.9	7.1
NW	1.5	2.0	.7	.8	.1	.2						5.2	7.2
NNW	.4	1.0	.9	.4								2.8	6.9
VARBL													
CALM												8.9	
	15.5	27.9	26.0	16.3	3.9	1.3	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM STATION NAME 69-70,73-80 YEARS APR MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	1.2	1.7	.8	.3	.0					6.3	10.6
NNE	.2	.6	1.1	1.5	.8	.5	.1					4.8	13.1
NE	.3	.8	1.1	1.0	.4	.1						3.7	10.0
ENE	.4	.7	.9	.6	.1	.0						2.7	8.1
E	.8	1.2	1.5	.5	.1	.0						4.2	7.1
ESE	.6	1.1	1.2	.7	.1	.0						3.7	7.6
SE	.6	1.2	1.3	.8	.1	.1	.0					4.0	8.1
SSE	.7	1.5	1.7	1.6	.4	.1						6.0	9.2
S	1.1	2.7	3.1	2.9	.7	.2	.0					10.0	9.7
SSW	.7	1.7	1.5	1.5	.5	.3	.1					6.3	10.0
SW	1.0	1.8	2.1	1.6	.7	.4	.2					7.9	10.2
WSW	.7	1.8	2.4	1.9	.9	.4	.1	.1				8.4	10.8
W	.8	2.2	3.9	3.3	1.1	.7	.3	.0				12.3	11.3
WNW	.5	1.4	1.8	1.1	.4	.3	.2	.1				5.7	10.9
NW	.8	1.5	.9	.6	.2	.1	.0	.0				4.2	7.8
NNW	.6	1.2	.8	.5	.1	.0						3.1	7.2
VARBL													
CALM												6.7	
	10.7	22.0	26.4	21.8	7.4	3.7	1.1	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 6954

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23-06 STATION CANNON AFB NM STATION NAME 69-70, 73-80 YEARS MAY MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	1.7	.7	.2							5.8	7.1
NNE		1.0	1.7	2.1	.7	.5						6.1	12.1
NE	.7	1.2	1.5	.2	.5							4.2	7.9
ENE	1.2	.7	1.0	.1		.1						3.2	6.2
E	2.5	2.2	1.9	.5								7.1	5.4
ESE	2.1	1.1	1.0	.2								4.5	5.0
SE	1.2	2.2	1.4	.2	.1							5.2	6.0
SSE	.6	1.6	1.9	1.9	.4							6.3	9.0
S	1.9	2.1	1.9	1.9	.1							7.8	7.5
SSW	2.5	1.5	1.6	.5								6.1	5.4
SW	1.2	2.5	.7	.5								5.0	5.4
WSW	.9	2.2	1.7	.2	.1							5.2	6.3
W	1.1	2.6	2.7	.2								6.7	6.5
WNW	.7	1.9	1.2	1.0								4.8	6.7
NW	.9	2.0	1.1	.1								4.1	5.5
NNW	.5	1.2	.4	.2	.2							2.6	6.9
VARBL													
CALM												15.3	
	19.0	28.4	23.4	10.8	2.5	.6						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 606

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2308 STATION CANNON AFB NM STATION NAME 69-70, 74-80 YEARS MAY MONTH
ALL WEATHER CLASS 2300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.1	3.0	.9	.1							7.9	6.7
NNE	.6	.9	1.5	2.1	1.0	.6						6.8	11.9
NE	.5	1.0	.9	.3	.5	.1						3.4	9.2
ENE	1.2	1.3	.6									3.1	4.7
E	1.9	1.3	.3	.5								4.0	5.0
ESE	1.4	.9	1.0									3.4	4.8
SE	1.0	1.3	.6	.1								3.1	4.9
SSE	1.3	1.4	.9	.3								3.9	5.7
S	2.3	3.0	1.4	.5	.1							7.4	5.7
SSW	.8	2.3	1.5									4.6	5.5
SW	.8	1.8	.5	.3								3.4	5.3
WSW	1.3	2.3	1.5	.3								5.4	5.7
W	1.4	3.9	3.9	.8								9.9	6.3
WNW	1.2	3.0	1.4	.8								6.3	6.3
NW	1.0	3.2	1.2	.3								5.7	5.4
NNW	1.4	1.9	.6									4.0	4.3
VARBL													
CALM												17.8	
	20.0	31.6	21.0	7.0	1.8	.8						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 775

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 08 STATION CANNON AFB NM 69-70.73-80 MAY MONTH
ALL WEATHER CLASS 3600-1800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.5	2.6	1.9	.5	.1	.1					7.4	9.8
NNE	.3	1.1	2.4	2.8	.5	.4						7.5	11.4
NE	.3	.8	2.2	1.4	.6	.1	.2					5.6	11.2
ENE	.2	.6	.6	.6	.2							2.4	9.0
E	.6	1.2	.6	.5	.1							3.1	7.1
ESE	.3	1.4	.8									2.5	5.3
SE	.4	.5	1.0	.5								2.5	7.8
SSE	.9	1.4	2.6	.8								5.6	7.0
S	1.5	2.5	4.7	1.6								10.3	7.3
SSW	.9	2.7	2.9	1.2								7.0	7.6
SW	.3	1.8	3.0	1.0								6.1	7.9
WSW	.6	2.2	3.4	1.2	.1							7.5	7.9
W	1.1	3.8	4.4	2.6	.3	.1						12.3	8.4
WNW	.5	2.0	1.9	1.2	.4							6.1	8.6
NW	.3	1.6	1.1	.3	.1							3.4	7.1
NNW	.3	1.1	1.6	.2								3.2	7.3
VARBL													
CALM												7.3	
	9.4	25.5	35.8	17.9	3.0	.8	.3					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22008 STATION CANNON AFB NM 69-70.73-80 YEARS MAY MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.8	1.8	.4	.2						4.3	11.1
NNE	.5	1.3	2.0	2.8	.6	.2	.2					7.7	11.5
NE	.3	.3	1.5	2.0	.3	.5						5.1	12.2
ENE	.4	1.0	1.0	.8								3.1	7.8
E	.4	1.9	1.3	.9	.1							4.6	7.6
ESE	.3	.5	.8	.4								2.0	7.8
SE	.3	.6	1.0	.3								2.3	7.4
SSE	.3	1.5	1.2	2.5	.2							5.7	9.7
S	.9	2.2	6.0	3.9	.9							13.8	9.6
SSW	.2	2.7	3.1	1.8								7.8	8.5
SW	.3	2.5	3.1	2.3	.8	.1						9.0	9.6
WSW	.1	1.6	3.7	3.2	1.2	.2	.2					10.2	11.3
W	.8	1.8	5.2	4.9	1.4	.3						14.4	11.2
WNW		.4	1.2	1.2	.3	.1						3.2	11.2
NW	.4	.6	.9	.3		.1						2.4	7.9
NNW	.1	1.3	.4	.6	.3							2.8	8.5
VARBL													
CALM												1.5	
	6.0	20.9	33.0	29.8	6.6	1.8	.4					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27-06 STATION CANNON AFB NM STATION NAME 69-70, 73-80 YEARS MAY MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	1.8	.5	.2							3.4	9.1
NNE	.3	.6	1.1	1.2	.8	.2						4.2	11.6
NE		.8	2.0	.8	.2	.2						4.0	10.2
ENE	.9	1.2	1.2	.4	.4	.1						4.2	7.9
E	.2	1.1	1.3	.6	.1							3.3	6.2
ESE	.1	.6	.5	.9	.1							2.3	9.4
SE	.2	1.4	1.7	1.2								4.5	8.3
SSE	.3	1.3	2.5	1.9	.5	.2						6.8	10.6
S	.2	2.4	4.7	3.5	1.2		.1					14.1	11.0
SSW	.2	1.8	3.8	2.6	.8	.4						9.6	10.5
SW	.6	1.2	4.0	4.7	1.5	.2						12.3	11.4
WSW	.1	1.7	5.1	5.3	1.3							13.4	11.2
W	.3	.8	2.5	4.4	1.3	.9						10.1	13.1
WNW	.3	.5	.8	.3	.1		.2					2.3	9.6
NW	.1	.6	.3	.2	.1							1.4	7.7
NNW	.3	.5	.8	1.0	.1							2.7	8.8
VARBL													
CALM												1.5	
	4.5	17.2	34.0	31.5	8.7	2.3	.3					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM 69-70.73-80 MAY
STATION NAME YEARS
ALL WEATHER CLASS 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.0	.4	.4	.3						3.7	10.0
NNE	.1	.6	1.2	1.4	.3	.5	.1					4.3	12.7
NE		.2	.8	.9	.3	.1						2.3	11.9
ENE	.4	.8	1.3	1.1	.5							4.1	10.0
E	.3	1.4	1.0	1.3								4.0	8.3
ESE	.1	.3	1.5	1.1	.1							3.1	9.9
SE	.4	1.2	1.4	1.2	.2							4.4	8.9
SSE	.5	1.1	2.3	3.2	.5	.2						7.8	10.9
S	.5	1.6	3.9	6.2	1.7	.3	.1					14.4	12.1
SSW	.1	1.4	2.2	3.9	1.7	.3	.2					9.8	12.6
SW		1.5	4.0	4.6	1.7	.8	.1					12.7	12.6
WSW		1.3	5.1	5.1	.5	.3	.1					12.4	11.4
W	.1	1.6	2.6	3.9	1.2	.5						9.9	11.9
WNW	.1	.5	.9	.6	.1	.1	.3					2.7	12.5
NW	.5	.2	.6		.1							1.5	6.9
NNW	.3	.2	.2	.5	.2		.1					1.6	11.6
VARBL													
CALM												1.4	
	4.1	15.1	29.7	35.4	9.8	3.5	1.1					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23-06 STATION CANNON AFB NM STATION NAME 69-70,73-80 YEARS MAY MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	.3	1.7	.3	.1						3.3	11.4
NNE	.2	.3	1.1	1.0	.3	.4	.3					3.7	14.0
NE	.1	1.6	.8	1.0	.2	.1						3.8	8.9
ENE	.4	1.5	1.2	.9	.3							4.3	8.7
E	1.1	2.6	2.4	1.2								7.2	7.0
ESE	.9	1.3	1.4	.9	.3							4.7	8.1
SE	.8	1.4	.9	1.2		.2						4.4	8.5
SSE	.6	3.1	3.1	1.6	.4	.6	.1					9.7	9.6
S	2.5	3.9	4.6	3.1	.5	.2						14.8	8.1
SSW	1.1	1.9	2.9	2.3	.1							8.2	8.6
SW	.8	3.5	2.2	1.2	.3							3.0	7.6
WSW	.6	1.9	2.2	1.2	.3	.2						6.5	8.7
W	.9	2.0	2.6	1.4	.4	.1	.1					7.5	8.8
WNW	.3	1.0	1.1	.6	.3							3.3	9.0
NW	.4	.8	1.2	.4	.5							3.3	9.6
NNW	.2	.5	.4	.1	.1	.2						1.6	10.0
VARBL													
CALM												5.7	
	11.1	28.0	28.2	19.7	4.6	2.3	.5					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2208
STATION

CANNON AFB NM

STATION NAME

69-70, 73-80

YEARS

MAY

MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.8	.4	1.2	.3		.1					3.9	9.3
NNE	.3	.9	1.1	1.6	.6	1.0	.1					5.6	13.7
NE	.6	1.6	1.1	.9	.3		.1					4.6	8.5
ENE	.8	1.5	1.7	.8	.1							4.8	7.7
E	2.4	3.0	2.7	1.8	.3		.1					10.3	7.3
ESE	2.4	1.6	2.0	.3	.4	.1						6.9	6.7
SE	.8	1.8	1.4	.6			.1					4.7	7.3
SSE	1.8	2.5	3.2	2.0	.2							9.8	7.5
S	2.4	2.4	3.0	1.8	.3							9.9	7.1
SSW	2.0	1.8	1.0	.2	.1							5.2	5.0
SW	1.6	2.3	1.5	.2		.1						5.7	5.7
WSW	1.4	2.8	1.2	.1								5.5	5.1
W	1.2	1.3	1.6	.6	.1							4.8	6.8
WNW	1.0	1.0	.9	.5	.3							3.7	7.4
NW	.9	.8	1.0	.5								3.1	6.7
NNW	.3	.6	.2	.1								1.3	5.8
VARBL													
CALM												10.1	
	20.9	26.6	24.0	13.5	3.2	1.2	.5					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.1	1.4	1.2	.3	.1	.0					4.9	9.1
NNE	.3	.8	1.5	1.9	.6	.5	.1					5.7	12.2
NE	.3	.9	1.3	.9	.4	.2	.0					4.1	10.0
ENE	.7	1.1	1.1	.6	.2	.0						3.7	7.9
E	1.1	1.8	1.4	.9	.1		.0					5.5	7.0
ESE	.9	1.0	1.1	.5	.1	.0						3.7	7.0
SE	.6	1.3	1.2	.7	.0	.0	.0					3.9	7.5
SSE	.8	1.7	2.2	1.8	.3	.1	.0					7.0	9.0
S	1.5	2.5	3.9	3.1	.6	.1	.0					11.7	9.0
SSW	.9	1.9	2.4	1.6	.3	.1	.0					7.4	8.7
SW	.7	2.1	2.4	1.9	.6	.2	.0					7.9	9.3
WSW	.6	2.0	3.0	2.1	.5	.1	.0					8.4	9.4
W	.8	2.2	3.2	2.4	.6	.3	.0					9.5	9.6
WNW	.5	1.2	1.2	.8	.2	.0	.1					4.0	8.6
NW	.6	1.2	.9	.3	.1	.0						3.0	6.9
NNW	.4	.9	.6	.4	.1	.0	.0					2.4	7.6
VARBL													
CALM												7.2	
	11.6	23.9	28.9	21.1	5.1	1.7	.4					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

7159

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25008 STATION CANNON AFB NM 69-70, 73-80 YEARS JUN MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	1.4	.8	.3							4.0	8.4
NNE	.4	1.2	1.3	.7	.3	.3	.1					4.2	10.6
NE	.4	.8	2.0	.7		.1						3.9	8.3
ENE	.3	1.0	.8	.7	.1							2.9	8.0
E	2.3	2.7	2.0	.9								7.9	6.3
ESE	1.2	.5	.5	.1	.1							2.5	5.3
SE	1.2	1.8	1.3	.1								4.4	5.4
SSE	1.0	2.7	2.1	.5	.3							6.6	6.8
S	1.6	4.6	5.3	2.6	.5							14.6	8.0
SSW	1.8	3.9	3.5	1.0								10.3	6.5
SW	1.3	5.6	2.0	.5	.1	.1						9.6	6.0
WSW	.9	1.7	1.0	.1								3.8	5.5
W	.7	2.7	1.0	.4								4.8	6.1
WNW	.3	.7	.4	.3								1.6	7.3
NW	.7	1.3	.9									2.9	5.0
NNW	.8	.9	.4	.3								2.3	5.5
VARBL													
CALM												13.7	
	15.4	33.1	25.9	9.6	1.7	.5	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27.08 STATION CANNON AFB NM STATION NAME 69-70,74-80 YEARS JUN MONTH
0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.2	1.3	.5	.3							6.5	6.6
NNE	.1	1.2	1.6	1.1	.7							4.7	9.7
NE	.4	1.1	1.2	1.2	.3							4.1	9.1
ENE	.4	.9	1.1	.1	.1							2.7	7.2
E	1.9	1.7	.8	.3	.1							4.8	5.4
ESE	.8	.7	.4	.5								2.4	6.4
SE	.4	.5	.3	.3								1.5	5.7
SSE	2.0	1.6	1.1									4.7	4.8
S	1.9	5.1	2.8	.9								10.7	5.9
SSW	1.7	2.1	1.6	.5								6.0	6.0
SW	2.0	2.8	1.1	.1								6.0	4.6
WSW	2.0	5.1	1.2									8.3	4.7
W	.9	4.9	2.0	.5								8.4	5.9
WNW	.7	2.0	.5	.4								3.6	5.9
NW	.7	1.9	.9	.1								3.6	5.7
NNW	.9	3.3	.5									4.8	4.8
VARBL													
CALM												17.2	
	18.0	38.2	18.4	6.7	1.5							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NM STATION NAME 69-70,73-80 YEARS JUN MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	1.1	1.4	.4	.2						5.7	9.1
NNE	.2	.2	.7	1.6	1.3							4.0	13.4
NE	.7	.6	1.0	1.0	.3							3.6	9.3
ENE	.2	.4	1.0	.7		.1						2.4	9.4
E	.8	1.4	1.1	.7								4.0	6.8
ESE	.3	.8	.6	.4								2.1	7.4
SE	.3	.9	.8	.6								2.6	7.3
SSE	.2	1.7	1.7	.6								4.1	7.3
S	1.6	2.8	4.8	2.6								11.7	7.9
SSW	.6	2.0	3.6	2.0								8.1	8.2
SW	1.6	2.0	3.8	2.1								9.5	7.6
WSW	1.0	3.6	6.2	2.2								13.0	7.8
W	1.0	3.4	4.9	1.7	.2							11.2	7.8
WNW	1.0	.7	1.7	.8	.2	.1						4.4	8.5
NW	.7	.9	.6	.1	.1							2.3	5.9
NNW	.8	1.1	1.0	.1								3.0	5.6
VARBL													
CALM												8.2	
	11.6	24.2	34.4	18.5	2.7	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23.08 STATION CANNON AFB NM 69-70.73-80 YEARS JUN MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.6	1.7	.6		.3						3.3	10.2
NNE	.3	.3	1.3	2.0	.6	.2						4.8	11.7
NE		.3	1.2	1.2								2.8	11.1
ENE	.3	.4	.7	.6	.3							2.3	9.7
E	.3	.4	1.2	1.3								3.3	8.8
ESE	.3	1.4	1.2	.9								3.9	7.6
SE	.8	1.0	1.0	.4								3.2	6.4
SSE		2.3	2.1	.6								5.0	7.7
S	.8	3.3	6.2	4.7	.6							15.6	9.4
SSW	.6	1.9	3.1	3.4	.4							9.4	9.7
SW	1.0	1.9	4.3	4.3	.2							11.8	9.5
WSW	.8	1.6	5.1	3.8	.3							11.6	9.7
W	.4	1.4	5.3	4.8	.3	.2	.4					13.0	11.1
WNW	.1	.4	1.1	.6	.4	.1						2.8	11.1
NW	.4	.7	.9	.1								2.1	6.3
NNW	.2	.9	.3	.1								1.6	5.7
VARBL													
CALM												3.6	
	6.7	19.0	36.9	29.3	3.2	.9	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2308 STATION CANNON AFB NM STATION NAME 69-70,73-80 YEARS JUN MONTH
1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.3	.2	.1							1.1	9.1
NNE	.3	.6	1.2	.6	.3							3.0	9.6
NE	.3	.9	1.1	.8	.2							3.3	9.1
ENE	.4	.7	1.2	.7	.1							3.1	8.0
E	.9	.8	2.3	.4	.2							4.7	7.8
ESE	.7	.9	1.0	.6	.3							3.4	7.7
SE	.4	1.8	2.2	1.0	.1							5.6	8.1
SSE	1.1	2.1	3.9	2.4	.3							9.9	8.8
S	.9	3.6	7.3	7.2	.9	.1						20.0	10.0
SSW	.1	2.6	3.7	3.8	.7	.2						11.0	10.3
SW	.3	1.4	3.3	4.0	.3	.1						9.6	10.7
WSW	.3	1.3	3.1	4.1	.9	.2						10.0	11.2
W	.2	.6	2.4	4.2	.4	.4	.4	.2				9.0	13.5
WNW		.4	.8	.3	.4							2.0	10.6
NW	.1	.2	.6									.9	6.6
NNW	.1	.1	.4	.3								1.0	9.7
VARBL													
CALM												2.3	
	6.5	18.2	35.0	30.7	5.5	1.1	.4	.2				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308
STATION

CANNON AFB NM

STATION NAME

69-70,73-80

YEARS

JUN
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.7	.2	.3							1.6	10.7
NNE	.1		.7	.3	.2							1.3	10.8
NE	.2	.9	.7	.6	.6							2.9	9.9
ENE		1.2	1.7	.7								3.6	8.3
E	.1	1.9	1.9	2.0	.2							6.1	9.4
ESE	.2	.9	1.7	.6	.2	.2						3.8	9.6
SE	.3	1.6	3.3	1.0	.3							6.6	8.5
SSE	.4	1.4	3.6	3.8	.9	.3						10.4	11.1
S	.7	2.8	6.6	7.2	2.3	.2						19.8	11.1
SSW	.3	1.4	3.7	3.7	1.4	.2	.1					10.9	11.7
SW	.3	1.1	2.4	4.2	1.1	.2	.1	.1				9.7	12.2
WSW	.3	1.0	3.6	3.4	1.1	.1	.1					9.7	11.4
W	.4	1.1	1.6	2.4	.8	.1	.3	.1				6.9	12.5
WNW	.1	.1	1.0	.4	.2							1.9	10.5
NW	.1	.9	.6	.2								1.8	6.8
NNW	.1	.6	.7	.1								1.4	7.2
VARBL													
CALM												1.8	
	3.9	17.2	34.1	30.9	9.8	1.4	.7	.2				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2208 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS JUN MONTH 1900-2000 HOURS (L.F.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.9	.4	.2							2.8	8.3
NNE	.1	.3	.4	.7	.3	.1						2.0	11.7
NE	.4	.9	.9	.8	.3							3.3	9.0
ENE	.4	.9	2.0	.6	.1	.1						4.1	8.2
E	.6	2.4	2.6	1.0	.6							7.1	8.3
ESE	.7	1.8	2.6	1.2	.1							6.3	8.1
SE	.8	1.6	2.4	1.7		.3						6.8	8.9
SSE	1.4	3.9	5.6	3.3	1.6	.3	.1					16.3	9.6
S	1.7	3.2	5.5	5.9	.9	.1		.1				17.4	9.7
SSW	1.1	2.1	3.1	2.2	.3							8.9	8.6
SW	.2	2.1	1.9	1.2	.3	.1						5.9	8.8
WSW	.4	1.3	1.6	.8	.4	.2						4.8	9.4
W	.3	1.3	1.8	.8	.3	.1						4.7	8.8
WNW	.3	.3	.8	.4	.3	.1	.1					2.4	11.3
NW	.3	.8	.4	.3	.1	.1						2.1	8.6
NNW	.2	.3	.2	.2	.2	.1						1.3	9.9
VARBL													
CALM												3.7	
	9.4	24.4	32.6	21.6	6.2	1.8	.2	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 870

AD-A110 041

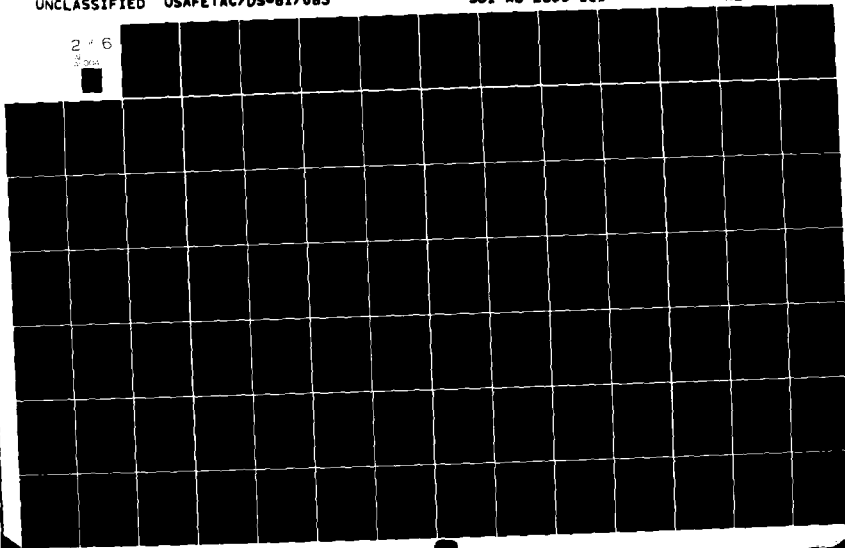
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC P/6 4/2
CANNON AFB, CLOVIS, NEW MEXICO REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
SEP 81

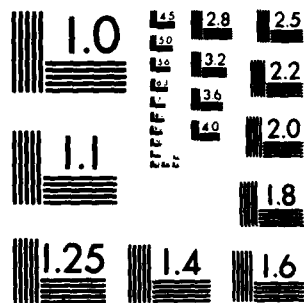
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581-AD-E850 111

NL

2 of 6





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23108 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS JUN MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.G.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.7	.2		.1						2.2	7.3
NNE	.2	.3	1.2	1.1	.1	.1						3.1	10.3
NE	.3	1.1	.8	.9	.4							3.6	9.2
ENE	1.2	1.0	1.9	1.0								5.1	7.4
E	1.2	1.9	2.9	1.7	.4							8.1	8.4
ESE	.7	2.2	2.6	.8	.3							6.6	8.1
SE	.9	1.4	2.3	.9								5.6	7.4
SSE	2.1	4.0	4.5	1.9	.4							12.9	7.4
S	1.7	5.2	6.6	4.6	.6							18.6	8.4
SSW	1.4	1.4	2.7	1.0	.1							6.7	7.2
SW	1.0	2.2	1.3	.3								4.9	5.9
WSW	.8	2.1	1.1	.1								4.1	5.5
W	.2	.9	1.0	.2		.1						2.4	7.7
WNW	.4	.9	.6	.2	.1							2.2	6.8
NW	.1	1.7	.8	.1	.1							2.8	6.8
NNW	.4	.4	.4	.2	.1	.1						1.8	7.9
VARBL													
CALM												9.2	
	13.3	27.7	31.3	15.3	2.8	.4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27 08 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS JUN MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.0	.5	.2	.1						3.3	8.5
NNE	.2	.5	1.0	1.0	.5	.1	.0					3.3	11.0
NE	.3	.8	1.1	.9	.3	.0						3.4	9.3
ENE	.4	.8	1.3	.6	.1	.0						3.3	8.2
E	1.0	1.6	1.9	1.1	.2							5.7	7.8
ESE	.6	1.2	1.3	.7	.1	.0						3.9	7.8
SE	.6	1.3	1.6	.8	.1	.0						4.6	7.6
SSE	1.0	2.5	3.1	1.7	.4	.1	.0					8.9	8.5
S	1.3	3.8	5.7	4.6	.7	.1		.0				16.2	9.1
SSW	.9	2.2	3.1	2.3	.4	.1	.0					9.0	8.9
SW	.9	2.3	2.6	2.2	.3	.1	.0	.0				8.4	8.6
WSW	.8	2.2	2.9	1.9	.4	.1	.0					8.2	8.8
W	.5	2.0	2.5	1.9	.3	.1	.2	.0				7.6	9.7
WNW	.4	.7	.9	.4	.2	.0	.0					2.6	9.0
NW	.4	1.0	.7	.1	.0	.0						2.3	6.4
NNW	.4	.9	.5	.2	.0	.0						2.1	6.4
VARBL													
CALM												7.1	
	10.3	24.8	31.5	20.8	4.3	.9	.2	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 6911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2500 STATION CANNON AFB NM 69-70.79-82 YEAR JUL 6000-0200
STATION NAME CLASS CONDITION

SPEED (KNOTS) DIRE	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.2	1.8	1.1	.2							8.0	7.8
NNE	.6	.5	.6	.9		.2						2.3	8.7
NE	.1	.7	1.0	.5		.1						2.4	8.9
NNE	1.3	.8	.8	.1								3.1	4.9
E	2.4	1.1	.6	.5								4.6	4.9
ESE	2.2	1.3	.9									3.9	3.7
SE	2.2	2.0	1.1	.1								5.9	4.8
SSE	1.1	2.4	1.7	.2	.1							7.6	4.9
S	8.0	6.9	5.2	1.2	.1							17.3	6.1
SSW	2.3	3.4	1.7	.4	.1							7.8	5.3
SW	1.6	2.0	1.0									4.6	4.6
WSW	.8	1.9	.5									3.2	4.6
W	.5	1.8	.7	.1								3.1	5.4
WWW	1.0	.2	.2									1.4	3.8
NW	.8	.2		.2								1.3	4.5
NNW	1.1	.2	.1	.2								1.7	4.9
VARIABLE													
CALM												24.2	
	28.7	27.8	17.3	5.1	.6	.8						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

2104 CANNON AFB TX NAVJAG

44-38861-42

ALL HEARD

1300-0500
1300-0500

SPEED KNOTS GND	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	56	%	ADJUSTED SPEED
10	1.7	1.7	1.9	.9								9.8	3.9
1000	.7	1.6	1.6	.9		.1						1.6	2.7
100	1.3	.9	.8	.8								3.5	2.8
1000	1.1	1.7	.9	.1	.1							2.9	3.3
0	1.1	1.1	.2	.0								1.5	2.6
1000	1.1	1.1	.1									2.3	3.8
10	.5	.9	.1									1.2	4.3
1000	2.2	1.9	.0									4.7	4.0
0	1.7	2.1	2.8	.9								10.9	3.0
1000	1.2	2.6	1.1	.1	.1							7.2	4.8
100	1.7	1.7	.2									7.7	3.7
1000	1.1	1.9	.9									1.7	4.4
10	1.6	2.8	1.1	.1								3.8	4.9
1000	.7	.8	.8									2.0	4.5
100	1.1	.8	.8									2.3	4.2
1000	.5	1.1	.2	.1	.1							2.0	8.2
VALUES													
CALC												10.4	
	29.7	27.8	12.8	3.2	.9	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 412

USAFETAC FORM 0-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2-CA CARRON AFB TX 09-73-73-80 ALL
ALL
09-73-73-80
09-73-73-80

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-24	25-33	34-40	41-49	50-59	60-69	70	%	MEAN WIND SPEED
0	.3	1.1	1.2	.1								4.4	0.7
1-3	.4	1.1	1.3	1.7	.1							4.7	2.1
4-6	.3	.8	1.3	1.0								3.3	0.7
7-10	.8	1.1	.8	.8	.1							3.2	1.7
11-16	1.2	1.5	1.1	.8								4.0	0.1
17-24	.8	1.2	.8	.1								2.5	3.2
25-33	.8	1.2	1.1	.1								3.1	3.8
34-40	.4	.9	1.1	.2								2.8	0.9
41-49	1.2	3.3	0.2	2.9								10.3	7.5
50-59	1.0	3.5	3.7	1.5								11.7	7.5
60-69	1.5	3.8	0.1	1.9	.1							13.1	7.5
70	1.1	1.2	1.5	.8								8.8	0.1
80	1.1	1.2	2.0	.1								3.9	0.2
90	.3	.8	.1									1.4	3.1
100	1.0	.9	.8									2.0	0.9
110	.8	.5	.8	.1								1.8	0.9
120													
130													
140													
150													
160													
170													
180													
190													
200													
210													
220													
230													
240													
250													
260													
270													
280													
290													
300													
310													
320													
330													
340													
350													
360													
Calcd												11.3	
Total	11.8	20.6	13.9	12.0	.1							100.0	0.2

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/48C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21-06 CANNON AFB NM 45-70.77-60 75.00
STATION NAME
ALL WEATHER
COORDINATES
0100-1100
PERIOD (1-4-7)

SPEED (KNOTS) DIR	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	%	WIND SPEED
0	.1	.2	.3	.4	.1								1.0	0.1
10	.4	.4	.4	1.0									2.2	0.2
20	.3	.3	2.1	.9	.7								4.1	0.4
30	.2	1.1	1.1	.8	.1								3.7	0.3
40	.2	1.2	1.0	.8									3.9	0.3
50	.4	1.2	1.2										2.8	0.2
60	.3	1.5	1.2	.2									3.7	0.3
70	1.3	2.9	1.7	1.1									9.0	0.9
80	.9	3.8	0.9	1.1	.1								7.8	0.8
90	1.1	3.3	2.2	2.9	.2								17.2	1.7
100	1.1	2.2	0.9	1.1	.1								5.8	0.6
110	1.0	1.5	1.1	1.1									5.8	0.6
120	.3	1.1	2.9	.3									4.3	0.4
130	.2	.1	.1										.8	0.1
140	.3	.3	.8	.1									1.5	0.1
150	.2	.3	.1										1.0	0.1
160														
170														
180														
190														
200														
210														
220														
230														
240														
250														
260														
270														
280														
290														
300														
310														
320														
330														
340														
350														
360														
Calm													2.9	
	9.7	22.7	31.0	22.0	1.1								100.0	

TOTAL NUMBER OF OBSERVATIONS 22

USAFETAC FORM 0-5 (11-61) REVISION 1-62 OF THE FORM 0-5 (11-61)

GLOBAL CLIMATE POLICY GROUP
 OFFICE
 101 EASTMAN STREET, CHICAGO

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

[The page contains several horizontal lines of text that are heavily obscured by black redaction marks.]

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1. 凡在本行开立存款账户的存款人，均可向本行申请开立支票。

[illegible]

Abstract

GLOBAL CLIMATOLOGY SEARCH
 SAFETYAC
 AIR WEATHER SERVICE/AMAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ASBURY BEACH FL DATE 02-11-64 MONTH AUG
ALL STATIONS HOURS (L.O.T.) 000-2400
 COMMENTS _____

WIND SPEED KTS	0-1	2-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	%	MEAN WIND SPEED
0	1.0	1.0	1.0	1.0								3.4	5.8
1000	1.0	1.0	1.0	1.0								3.1	9.0
40	1.0	1.0	1.0	1.0	1.0							3.3	7.1
500	1.0	1.0	1.0	1.0	1.0	1.0						3.2	7.4
0	1.0	1.0	1.0	1.0	1.0							5.1	5.3
100	1.0	1.0	1.0	1.0								2.8	4.0
10	1.0	1.0	1.0	1.0								5.4	4.2
1000	1.0	1.0	1.0	1.0	1.0	1.0						8.5	4.8
0	1.0	1.0	1.0	1.0								18.0	5.7
1000	1.0	1.0	1.0	1.0	1.0							6.1	5.5
30	1.0	1.0	1.0	1.0	1.0							5.0	3.8
1000	1.0	1.0	1.0	1.0								4.9	4.8
0	1.0	1.0	1.0	1.0	1.0							3.9	5.2
1000	1.0	1.0	1.0	1.0								2.7	6.0
100	1.0	1.0	1.0	1.0								1.6	5.9
1000	1.0	1.0	1.0	1.0								1.2	6.7
1000												21.0	
TOTAL	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 451

REMARKS: _____

STATION NAME
 LOCATION
 COASTAL DISTANCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME LAKE MEAD YEAR 1977-80 MONTH AUG
 DATE 0300-0500
 HOURS (L.S.T.)
 COMMENTS

WIND DIRECTION	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	200	%	MEAN WIND SPEED
0	1.0	1.0	1.0	1.0								5.3	5.6
10	1.0	1.0	1.0	1.0								1.5	7.0
20	1.0	1.0	1.0	1.0	1.0							9.5	7.5
30	1.0	1.0	1.0	1.0	1.0							2.9	6.2
40	1.0	1.0	1.0	1.0	1.0							2.9	5.9
50	1.0	1.0	1.0	1.0	1.0							3.0	4.7
60	1.0	1.0	1.0	1.0	1.0							2.6	4.2
70	1.0	1.0	1.0	1.0	1.0							5.2	4.5
80	1.0	1.0	1.0	1.0	1.0							9.3	4.7
90	1.0	1.0	1.0	1.0	1.0							6.7	9.0
100	1.0	1.0	1.0	1.0	1.0							6.1	3.0
110	1.0	1.0	1.0	1.0	1.0							6.1	3.2
120	1.0	1.0	1.0	1.0	1.0							3.6	4.7
130	1.0	1.0	1.0	1.0	1.0							2.5	5.1
140	1.0	1.0	1.0	1.0	1.0							2.6	4.4
150	1.0	1.0	1.0	1.0	1.0							2.6	4.4
160	1.0	1.0	1.0	1.0	1.0							2.6	4.4
170	1.0	1.0	1.0	1.0	1.0							2.6	4.4
180	1.0	1.0	1.0	1.0	1.0							2.6	4.4
190	1.0	1.0	1.0	1.0	1.0							2.6	4.4
200	1.0	1.0	1.0	1.0	1.0							2.6	4.4
210	1.0	1.0	1.0	1.0	1.0							2.6	4.4
220	1.0	1.0	1.0	1.0	1.0							2.6	4.4
230	1.0	1.0	1.0	1.0	1.0							2.6	4.4
240	1.0	1.0	1.0	1.0	1.0							2.6	4.4
250	1.0	1.0	1.0	1.0	1.0							2.6	4.4
260	1.0	1.0	1.0	1.0	1.0							2.6	4.4
270	1.0	1.0	1.0	1.0	1.0							2.6	4.4
280	1.0	1.0	1.0	1.0	1.0							2.6	4.4
290	1.0	1.0	1.0	1.0	1.0							2.6	4.4
300	1.0	1.0	1.0	1.0	1.0							2.6	4.4
310	1.0	1.0	1.0	1.0	1.0							2.6	4.4
320	1.0	1.0	1.0	1.0	1.0							2.6	4.4
330	1.0	1.0	1.0	1.0	1.0							2.6	4.4
340	1.0	1.0	1.0	1.0	1.0							2.6	4.4
350	1.0	1.0	1.0	1.0	1.0							2.6	4.4
360	1.0	1.0	1.0	1.0	1.0							2.6	4.4
TOTAL	1.0	1.0	1.0	1.0	1.0							28.5	
TOTAL	1.0	1.0	1.0	1.0	1.0							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 152

REMARKS: (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100) (101) (102) (103) (104) (105) (106) (107) (108) (109) (110) (111) (112) (113) (114) (115) (116) (117) (118) (119) (120) (121) (122) (123) (124) (125) (126) (127) (128) (129) (130) (131) (132) (133) (134) (135) (136) (137) (138) (139) (140) (141) (142) (143) (144) (145) (146) (147) (148) (149) (150) (151) (152)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2708
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	1.2	.9	.1							4.4	7.0
NNE	.6	.5	1.2	.5	.1							2.8	7.7
NE	.4	.8	.8	.9	.2	.1						3.1	9.1
ENE	.1	.9	1.0	.3								2.3	7.5
E	1.1	1.3	.4	.3								3.1	5.2
ESE	.5	1.4	.3	.1								2.4	5.3
SE	1.4	1.7	.8	.1								4.0	4.7
SSE	1.9	2.3	1.4									5.6	4.8
S	1.9	4.7	4.2	1.8								12.7	6.6
SSW	1.7	1.9	5.3	2.4								11.3	7.9
SW	1.2	3.8	4.1	1.4								10.4	7.1
WSW	1.2	2.6	3.1	.5								7.4	6.6
W	1.3	3.5	3.0	.4								8.3	6.2
WWW	.8	.8	.8									2.3	5.0
NW	.6	1.3	.2	.2								2.4	5.0
NNW	.8	.6	.6									2.0	4.9
VARS													
CALM												15.6	
	16.6	29.8	28.1	9.9	.8	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2308 STATION CANNON AFB NM STATION NAME 69-70,73-80 YEARS AUG MONTH 3900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	.3	.2								1.7	5.9
NNE	.3	.3	.9	.5	.3	.1						2.5	10.2
NE	.9	.9	.6	.6	.5	.2						3.8	9.4
ENE	.2	1.1	.8	1.0	.3							3.3	9.4
E	.3	1.3	1.2	.3	.2							3.3	7.6
ESE	.2	.2	1.2	.2								1.8	7.6
SE	.4	1.1	.9	.4	.2							3.0	7.6
SSE	.3	1.6	2.5	1.4								5.8	8.5
S	.9	3.5	1.6	4.6								19.7	8.7
SSW	.5	2.4	7.1	5.2								15.2	9.1
SW	.6	2.4	7.8	4.4	.1							15.4	9.2
WSW	.5	3.1	3.9	2.3								9.8	8.3
W	1.0	1.3	3.3	1.5	.2							7.3	8.5
WNW	.3	.6	1.2	.2								2.4	7.3
NW	.3	.3	.8									1.4	6.5
NNW	.4	.3	.1									.9	3.8
VARB													
CALM												2.8	
	7.6	21.3	43.1	22.9	1.9	.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23.08 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS AUG MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.1	.2								.8	7.0
NNE	.3	.2	.5	.3	.2							1.6	9.1
NE	.5	.4	1.2	.8		.1						3.0	8.6
ENE	.2	.8	1.0	1.0								2.9	8.6
E	.2	1.1	2.0	.8								4.1	8.0
ESE	.4	.9	1.3	1.4								4.0	8.2
SE	.6	2.0	1.7	1.7	.1							6.2	8.2
SSE	.3	2.6	5.1	5.2	.2							13.3	9.7
S	.9	3.2	11.2	8.0	.2							23.4	9.8
SSW	.4	1.5	6.3	4.3								12.6	9.5
SW	.3	1.7	5.3	2.3	.1							9.7	9.2
WSW	.5	1.7	4.3	1.7								8.3	8.5
W	.8	1.2	2.0	1.0	.2							5.2	8.2
WNW	.1	.2	.6	.2								1.2	8.0
NW	.4	.3	.4									1.2	5.2
NNW	.4	.4		.1								1.0	5.0
VARBL													
CALM												1.6	
	6.8	18.5	43.1	28.8	1.1	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23008 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS AUG MONTH
1530-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.2	.1								1.0	6.1
NNE	.1	.2	.4	.4								1.2	6.7
NE	.1	.4	1.7	.6	.3	.1						2.6	10.8
ENE	.1	.2	1.9	.4	.2							2.9	9.9
E	.3	.6	2.8	1.5								5.3	8.9
ESE	.3	1.8	2.3	1.7								6.1	8.4
SE	.3	1.6	5.1	2.5								9.5	8.9
SSE	.2	1.4	7.4	9.9	.5							19.5	10.9
S	.8	3.7	9.2	12.9	.4	.1						26.5	10.8
SSW	.2	1.1	4.0	1.4	.1							6.8	9.1
SW	.1	1.3	3.7	2.2	.1							7.3	9.3
WSW	.1	.9	1.4	2.0		.1						4.5	10.4
W	.2	.2	1.5	.5	.1							2.6	9.2
WNW	.1	.3	.8	.1								1.3	7.3
NW	.5	.5	.1	.3				.1				1.6	8.1
NNW		.1	.3			.1						.5	10.8
VARB													
CALM												1.0	
	3.7	14.3	42.0	36.7	1.8	.4		.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2008 STATION CANNON AFB NM STATION NAME 69-70, 73-80 YEARS AVG MONTH 1800-2000 HOURS (L.O.T.)

ALL WEATHER
GLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	.3	.4	.1							1.8	7.8
NNE		.2	.3	.9								1.4	12.8
NE	.4	.4	1.6	.8								3.2	8.4
NNE	.5	1.3	1.0	.3	.2							3.3	7.3
E	1.7	1.4	2.4	.4								5.2	6.9
ESE	1.3	3.3	2.5	1.1	.1							8.3	6.9
SE	1.3	4.6	5.9	1.6	.1							13.5	7.3
SSE	2.2	7.1	9.7	3.3								22.3	7.4
S	1.1	5.7	7.3	5.2	.1							19.4	8.2
SSW	.9	2.4	1.7	.5	.1							5.6	6.6
SW	.5	1.3	1.3	.3								3.4	6.3
WSW	.4	1.4	.8	.3								2.9	6.4
W	.3	1.0	.5	.2								2.0	6.5
WW	.1	.2	.3	.2								.9	7.8
NW	.2	.4	.1	.1								.9	5.3
NNW	.4	.4	.3	.4	.2							1.8	8.6
VARIABLE													
CALM												4.1	
	11.0	31.8	36.0	16.1	1.0							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21 08 STATION CANNON AFB NM STATION NAME 69-70,73-80 YEAR 1969 MONTH AUG
100-2100
1000 (L.O.F.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNOTS) DUE	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	200	%	MEAN WIND SPEED
N	.3	.8	.9	.3	.2	.1						2.0	9.4
NNE	.3	.8	.9	.4	.2							2.5	8.3
NE	.9	1.2	1.2	.1								2.5	8.2
NNE	.9	1.2	1.9	.8		.1						9.3	7.3
E	1.9	2.3	1.2	1.1								5.9	8.5
ESE	2.9	1.6	.5	.3	.1							9.9	9.6
SE	2.5	9.7	2.5	.9	.2							10.3	5.5
SSE	3.5	8.5	3.8	1.9								17.2	5.7
S	9.5	9.8	5.7	.9								20.6	5.7
SSW	1.7	2.8	1.3			.1						5.9	5.3
SW	.5	1.8	.5	.3								3.2	8.0
WSW	.5	1.3	.8									2.8	5.4
W	.3	.8	.2	.2								1.9	8.2
WWW	.2	.9	.6									1.3	8.0
WNW		.9	.9	.1	.1							1.1	8.8
NNW	.2	.3	.6	.1	.3							1.6	9.7
VAR													
CALM												12.6	
	19.8	17.8	21.8	6.5	1.2	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

CANNON AFB, NM



44-38861-60

405

ALL HAIL

444

44-38861-1000

Country:

SPEED WINDY DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	%	ADJUSTED WIND SPEED
W	.8	.9	.8	.9	.1	.6						2.5	.8
WNE	.3	.9	.7	.9	.1	.6						2.1	.8
NE	.3	.8	1.1	.8	.2	.1						1.2	.8
ENE	.4	1.7	1.1	.8	.1	.7						1.1	.8
E	.8	1.9	1.5	.8	.7							9.9	.8
ESE	1.2	1.5	1.2	.8	.0							9.3	.8
SE	1.1	2.9	2.1	.9	.1							8.9	.8
SSE	1.8	1.8	9.0	2.7	.1	.6						12.1	1.7
S	2.2	5.1	8.9	9.9	.1	.6						18.8	8.0
SSW	1.1	2.1	1.5	1.8	.2	.0						8.8	1.7
SW	1.6	2.1	2.9	1.9	.2							1.7	1.5
WSW	.8	2.2	2.0	.9		.0						5.8	1.2
W	.8	1.8	1.8	.8	.1							9.8	.8
WNW	.9	.8	.8	.1								1.7	.8
NW	.9	.7	.1	.1	.2			.0				1.8	.8
NNW	.9	.5	.1	.1	.1	.0						1.9	.8
VALE													
CALC												10.6	
	18.0	28.9	10.9	18.8	1.0	.2		.0				100.8	.7

TOTAL NUMBER OF CONTRIBUTIONS 1203

USAFETAC ^{FORM} 04-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. NAVAL CLIMATE DIVISION
 U.S. NAVY
 AIR WEATHER SERVICE/400

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: LAKE MEAD AIR STATION LOCATION: ARIZONA DATE: 10-10-60 TIME: 0000

ALL WEATHER
 (1-20)

1000-0000
 (1-20)

SPEED (KNOTS)	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	%	WIND DIRECTION
0	1.0	2.0	1.0	.5	.5	.5										3.0	7.0
1	.7	.5	.5	1.0	1.0	.5										3.0	11.0
2	.5	1.0	1.0	1.0	.5											3.0	10.0
3	.5	1.0	1.0	.5												3.0	8.0
4	.7	1.0	.5	.5												2.0	3.0
5	.5	.5	.5	.5												2.0	3.0
6	1.0	1.0	2.0	.5												10.0	3.0
7	2.0	2.0	2.0	.5												8.0	3.0
8	1.0	1.0	.5	.5												3.0	3.0
9	1.0	1.0	.5	.5												3.0	3.0
10	1.0	2.0	2.0	.5												7.0	3.0
11	1.0	1.0	.5													3.0	3.0
12	1.0	1.0	.5													3.0	3.0
13	.7	.5	.5													2.0	3.0
14																20.7	
15	1.0	1.0	1.0	.5	.5	.5										10.0	3.0

TOTAL NUMBER OF OBSERVATIONS: 110

SECRET

U.S. AIR FORCE
 WIND DATA
 WIND DATA

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: WIND DATA DATE: 01-10-61 TIME: 1500-1700
 ALL DATA
 (C.G.T.)

WIND DIRECTION 010	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	%	MEAN WIND SPEED
01	01	104	03	02	02			01																1.3	9.0
02	01	01	102	103	01	04																		4.0	12.7
03	01	01	102	104	01																			4.7	10.9
04	01	01	01	104	01																			3.9	9.2
05	01	101	101	104	01																			6.4	7.9
06	01	101	101	02																				4.1	6.6
07	101	101	101	101	01																			6.2	8.0
08	101	101	101	101	01																			11.3	8.7
09	101	101	101	101	01																			15.8	9.0
10	01	101	101	101	01	02																		9.7	9.5
11	01	101	101	101	01	02																		10.2	10.6
12	01	101	101	101	01																			6.9	9.0
13	01	101	101	101	01																			6.9	9.0
14		01	01	01	01																			1.6	10.1
15		01	01	01	01																			.7	10.2
16	01	01			01																			.7	11.5
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
TOTAL																								4.1	
	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 906

U.S. AIR FORCE WIND DATA

U.S. NAVY
OFFICE OF THE SECRETARY
WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME AND LOCATION

DATE

TIME

REMARKS

WIND DIRECTION FROM OBSERVATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	WIND SPEED FROM OBSERVATION	WIND SPEED FROM OBSERVATION
1																									10.0	10.0
2																									10.0	10.0
3																									10.0	10.0
4																									10.0	10.0
5																									10.0	10.0
6																									10.0	10.0
7																									10.0	10.0
8																									10.0	10.0
9																									10.0	10.0
10																									10.0	10.0
11																									10.0	10.0
12																									10.0	10.0
13																									10.0	10.0
14																									10.0	10.0
15																									10.0	10.0
16																									10.0	10.0
17																									10.0	10.0
18																									10.0	10.0
19																									10.0	10.0
20																									10.0	10.0
21																									10.0	10.0
22																									10.0	10.0
23																									10.0	10.0
24																									10.0	10.0
TOTAL																									10.0	10.0

WIND DIRECTION FROM OBSERVATION

WIND SPEED FROM OBSERVATION

WIND DIRECTION FROM OBSERVATION

U.S. NAVAL CLIMATOLOGY BRANCH
CHAFETAC
ATLANTIC OCEANOGRAPHIC SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ANNAH AFB MS 69-72.71-22 SEP
ALL WEATHER 2100-2300
CLAS MOON (L.S.V.)

SPEED KNOTS	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	%	MEAN WIND SPEED
0	10.1	10.1	10.1	10.1	10.1								10.7	7.5
10	0.1	0.1	0.1	10.1	0.1	0.1	0.1						4.7	10.9
20	0.1	10.1	10.1	10.1	10.1	0.1							6.1	9.1
30	0.1	0.1	0.1	0.1	0.1								2.9	8.1
40	10.1	10.1	10.1	0.1									5.8	5.7
50	10.1	10.1	10.1										5.6	5.9
60	10.1	10.1	10.1	0.1									6.2	5.7
70	10.1	10.1	10.1	0.1	0.1								12.0	5.7
80	10.1	10.1	10.1	0.1	0.1								12.8	5.6
90	10.1	10.1	10.1	0.1									5.8	5.2
100	10.1	10.1	0.1	0.1									4.8	4.4
110	10.1	10.1	0.1	0.1									5.6	4.7
120	0.1	10.1	10.1										4.0	5.9
130	0.1	10.1	0.1										2.6	4.9
140	0.1	0.1	0.1										2.0	5.0
150	0.1	0.1	0.1	0.1	0.1								1.1	7.0
160														
170														
180														
190														
200														
210														
220														
230														
240														
250														
260														
270														
280														
290														
300														
310														
320														
330														
340														
350														
360														
TOTAL													100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

U.S. NAVAL CLIMATOLOGY BRANCH
CHAFETAC
ATLANTIC OCEANOGRAPHIC SERVICE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2168 CANNON AFB NM STATION NAME 69-70,73-80 YEARS SEP
MONTH ALL
CLASS ALL WEATHER
CONDITION ALL
HOURS (L.S.T.) ALL

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.5	1.2	.9	.3	.1	.0					4.8	8.3
NNE	.6	.7	1.0	1.4	.7	.5	.0					4.9	11.9
NE	.6	1.1	1.4	1.7	.6	.2						5.5	10.2
NNE	.6	1.0	1.0	1.0	.1							3.6	7.9
E	1.1	1.7	1.7	.5	.0							4.9	6.3
ESE	1.1	1.4	1.3	.1								3.9	5.6
SE	1.2	2.2	1.4	.5	.2							4.6	6.3
SSE	1.2	3.2	2.8	.9	.1							7.9	9.8
S	1.3	4.2	4.0	1.6	.2	.0						11.6	7.1
SSW	1.2	2.3	2.8	1.2	.1	.0	.0					7.5	7.3
SW	1.1	2.4	2.4	1.2	.2	.1						7.4	7.7
WSW	1.2	2.3	2.2	1.1	.1	.0						7.0	7.0
W	1.0	2.3	2.8	1.3	.2	.0						7.7	7.8
WWW	.6	1.2	.8	.3	.0							2.8	6.4
WNW	.8	.8	.5	.1	.0	.0						2.3	5.6
WNW	.7	.7	.3	.1	.1	.0						1.8	5.5
VALE													
CALM												11.5	
	15.8	28.8	27.8	13.7	2.6	1.0	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7,119

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23098 STATION NAME CANNON AFB NM YEARS 69-70, 73-80 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.1	.6	1.8	.5	.4	.1					7.2	8.7
NNE	.5	1.6	.9	2.6	1.6	.2	.1					7.6	12.3
NE	.7	2.5	.7	1.1	.2	.5						5.6	8.7
ENE	.4	1.2	.9	.8								3.3	7.5
E	.6	.5	.1	.6								1.8	6.5
ESE	.8	.5	.4	.1								1.8	4.9
SE	.6	1.2	.1									1.9	4.4
SSE	1.2	.8	.2	.1								2.4	4.2
S	1.9	2.6	2.1	.9								7.5	6.3
SSW	2.0	2.4	1.8	.4								6.5	5.7
SW	2.0	1.8	.6	.5								4.8	5.0
WSW	1.3	3.6	1.5	.8								7.3	6.3
W	1.3	4.1	4.5	.7	.2							10.8	6.9
WNW	1.6	3.5	.9	.6								6.7	5.3
NW	1.4	2.8	1.3	.5								6.0	5.6
NNW	1.1	2.2	.4	.2								3.9	5.2
VARBL													
CALM												14.9	
	19.1	33.4	17.1	11.6	2.6	1.1	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 850

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27.08 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS OCT MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.3	1.8	1.7	.9	.4						9.6	8.5
NNE	.6	.8	1.5	2.1	1.5	.6	.1					7.3	13.2
NE	.6	1.1	1.2	1.8	.4	.4						5.3	10.6
ENE	.7	.5	.8	.7	.1							2.8	8.1
E	.5	.7	.2	.2	.1							1.8	7.0
ESE	.2	.2	.1									.6	3.8
SE	.8	.5	.1	.1								1.5	4.5
SSE	1.3	.7	.4	.2								2.6	4.8
S	1.7	1.1	.9	.4								4.0	5.4
SSW	1.4	1.2	.7									3.3	4.6
SW	.8	2.1	1.1									4.0	5.4
WSW	1.2	2.0	3.4	.4								7.0	6.8
W	2.6	5.4	4.4	1.4	.1							13.9	6.5
WNW	1.7	4.1	3.5	.1								9.4	5.9
NW	1.3	2.5	1.1	.1								5.0	5.1
NNW	1.4	3.3	.8	.1								5.7	4.9
VARBL													
CALM												16.3	
	18.3	29.5	22.1	9.3	3.2	1.3	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

27 08 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS OCT MONTH
ALL WEATHER CLASS 1600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	2.9	1.2	.4	.8	.1					8.5	9.4
NNE	.1	.5	1.4	3.7	1.9	1.2						8.8	15.0
NE	.4	.6	1.3	1.5	.6	.3						4.8	11.2
ENE	.2	.5	1.2	.8	.2							2.9	9.7
E	.3	.4	.3	.1	.1	.1						1.4	8.0
ESE	.2	.5	.4	.2								1.4	6.8
SE	.2	.3	.3									.9	5.6
SSE	.4	.5	.8									1.7	6.0
S	.4	.8	1.6	.6								3.4	7.4
SSW	.9	.8	1.2	.1	.1							3.0	6.3
SW	.4	2.2	2.4	.8								5.7	7.1
WSW	1.1	2.8	5.2	.9								9.9	7.3
W	1.4	4.9	5.7	1.8								13.9	7.3
WNW	1.4	3.7	3.4	.9	.1							9.5	6.8
NW	1.1	3.5	1.4	.1								6.1	5.4
NNW	1.3	2.5	1.4		.1							5.3	5.4
VARI													
CALM												12.8	
	10.8	26.9	30.9	12.6	3.7	2.4	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27-28 STATION CANNON AFB NM 69-70, 73-80 YEARS OCT MONTH 1900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-56	≥56	%	MEAN WIND SPEED
N	.2	1.1	.9	.9	.3	.8						4.1	12.0
NNE	.2	.6	2.0	4.2	1.8	.6						9.6	13.7
NE	.2	.9	2.3	2.3	1.7	.4						7.0	12.0
NNE	.4	1.2	1.7	.8	.5							4.6	9.2
E	.5	.6	1.5	.4	.1							3.2	7.8
ESE	.1	.2	.3	.1	.1							.9	8.6
SE	.2	.6	.9	.3								2.0	7.2
SSE	.1	.3	1.4	.2								2.0	8.1
S	.4	1.2	3.2	2.9	.1							7.8	9.6
SSW	.4	1.3	2.7	2.8	.4	.2						7.8	10.1
SW	.2	1.5	4.1	4.3	.2	.1						10.5	10.1
WSW	.6	2.3	5.2	5.3	1.1	.1						14.5	10.4
W	.2	2.6	5.7	4.3	1.5	.3						14.6	10.9
WNW	.2	1.4	1.4	1.3	.3	.3						4.9	10.1
NW	.6	.8	.8	.3	.1	.2						2.8	8.5
NNW	.1	.6	.1	.1	.2	.2						1.4	10.3
VARS													
CALM												2.0	
	8.9	17.3	34.1	30.4	7.8	3.3						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2108 CANNON AFB NM STATION NAME 49-70.73-80 YEARS 067
MONTH 1200-1400
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) Dir.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.5	1.2	.3	.1	.1					9.3	9.2
NNE	.1	.6	1.5	3.0	.9	.1						6.2	12.4
NE	.3	.9	2.2	3.5	.5							7.9	10.9
NNE	.5	.9	2.3	.6								4.3	7.8
E	.1	1.3	1.5	.2								3.3	6.6
ESE	.3	.2	.3	.5								1.4	8.2
SE	.3	1.4	.3									2.0	5.3
SSE	.4	.4	1.8	.6	.1							3.4	8.3
S	.6	1.1	3.7	3.8	.1							9.2	10.1
SSW	.5	1.4	3.7	4.5	1.2	.3	.1					11.7	11.6
SW	.8	1.4	4.1	4.5	1.6	.2						12.6	11.1
WSW	.1	1.7	3.9	5.1	1.6	.4						12.8	12.0
W	1.0	1.8	3.1	4.9	1.3	.1						12.3	10.9
WWW	.5	.6	1.2	.8	.2							3.3	8.5
NW	.2	.6	.4	.5	.2							2.0	9.5
NNW	.1	.6	.5	.1	.1	.1	.1					1.7	10.1
VARB.													
CALM												1.8	
	7.1	16.2	31.0	39.0	8.2	1.4	.3					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2104 STATION CANNON AFB NM STATION NAME 69-70.73-80 GRADE 367 ELEVATION
ALL WEATHER CLASS 15.0-17.00 HOURS (L.S.T.)
CONDITION

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.1	1.0	1.1	.1	.3						4.2	9.1
NNE	.1	.5	.9	2.5	1.2		.2					5.2	12.9
NE	.1	1.2	1.2	1.8	.9	.2						4.7	11.0
NNE	.8	1.5	1.8	1.8	.1							8.0	8.8
E	.8	1.5	.9	1.0	.1							4.2	7.7
ESE	.1	1.1	.9	.3								2.2	8.8
SE	.9	1.8	.8									1.2	5.3
SSE	.8	1.5	1.7	.8	.2							4.8	7.8
S	1.5	1.7	4.5	4.7	.8							13.1	9.9
SSE	.2	2.9	4.0	4.2	1.1	.5						13.9	10.7
SW	.6	2.4	4.5	4.2	.9							12.8	12.6
WSW	.9	1.3	1.8	1.0	1.1	.3						8.4	11.2
W	.3	1.8	1.3	1.8	.9	.1						7.8	9.8
WSW	.3	.8	.9	.3								2.3	7.8
WW	.3	1.0	.9	.2								1.9	8.5
WWW	.5	.4	.1		.1	.1	.1					1.4	8.4
VARIES													
CALM												4.3	
	8.9	22.2	28.2	28.8	6.1	1.6	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/7400

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CANNON AFB NM 01-70-71-00 01-70-71-00
ALL WEATHER
01-70-71-00
01-70-71-00

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-15	16-20	21-25	26-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	GRAND TOTAL
0	0.9	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	11.4
100	0.9	1.2	1.6	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	11.5
10	0.8	1.2	1.9	1.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	9.4
20	0.9	1.0	1.2	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	7.3
30	1.5	1.7	1.5	1.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	7.3
40	1.5	1.2	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	9.5
50	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.0
60	1.8	1.4	2.4	1.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	7.2
70	2.8	3.5	3.1	1.5	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	14.1
80	2.0	3.1	1.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.6
90	2.1	3.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	7.2
100	1.1	1.7	1.3	1.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	7.3
110	1.2	2.2	1.2	1.8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	9.2
120	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
130	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
140	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
150	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
160	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
170	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
180	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
190	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
210	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
220	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
230	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
240	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
250	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
260	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
270	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
280	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
290	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
CALC	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2
TOTAL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	10.2

TOTAL NUMBER OF OBSERVATIONS 100

U.S. NAVAL OBSERVATION STATION
 LARABEE
 AIR STATION 2804027001

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LARABEE AS 28 SIGHTING CODE 0000 DATE 20-10-1951 TIME 1500
 NAME LAKE SUPERIOR LOCATION LAKE SUPERIOR HEIGHT (FT) 1000
 OBSERVER REDAKED

WIND DIRECTION DEG	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	WIND SPEED KTS
0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
10	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
20	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
30	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
40	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
50	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
60	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
70	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
80	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
90	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
100	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
110	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
120	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
130	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
140	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
150	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
160	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
170	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
180	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
190	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
200	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
210	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
220	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
230	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
240	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
TOTAL	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1

TOTAL NUMBER OF OBSERVATIONS 24

UNRECORDED WIND DIRECTION OR SPEED SHOULD BE NOTED AS "CALM" OR "UNKNOWN"

USAFETAC FORM 34-1
 1-64
 ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: LAKE MEAD AIR STATION LOCATION: LAKE MEAD, ARIZONA
 DATE: 10-1-64 TIME: 0000
 OBSERVER: W. J. BROWN REPORT NO.: 10-1-64

SPEED (KNOTS)	1-3	4-6	7-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	GRAND TOTAL	MEAN WIND SPEED
0	1.1	4.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1-3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
4-6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
7-10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
11-15	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
16-20	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
21-25	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
26-30	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
31-35	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
36-40	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
41-45	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
46-50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
51-55	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
56-60	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
61-65	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
66-70	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
71-75	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
76-80	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
81-85	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
86-90	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
91-95	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
96-100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
TOTAL	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
MEAN	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS: 100

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/401

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CANNON AFB MS WATERGATE 89-70.73-A2 YEAR NOV
MONTH
ALL WEATHER
CLASS
CONVENTION
1200-1400
HOURS (L.O.T.)

SPEED (KNOTS) Dir	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	200	%	MEAN WIND SPEED
0	.3	.6	1.9	1.1	1.2	.1	.1					5.6	12.4
1-3	.1	.3	1.1	1.9	.6	.2						4.2	11.8
4-6	.6	.7	1.8	1.3	.2							6.3	10.5
7-10	.9	.5	1.3	1.0	.1							3.7	9.6
11-16	.9	1.1	1.2	.3								3.1	6.5
17-21	.1	1.1	1.2	.1								2.9	6.8
22-27	.6	.8	1.8	.1								3.2	6.5
28-33	.7	1.2	1.4	.2								3.6	6.5
34-40	.9	1.1	2.8	1.2								5.7	7.8
41-47	.6	1.7	2.9	1.9	.2	.1						6.9	9.0
48-55	.6	.6	2.9	1.7	.8	.1						8.6	10.6
200	.1	1.6	5.1	5.7	2.9	.9	.3					16.1	12.8
W	.6	2.2	9.1	8.0	2.9	1.7	.9					17.9	13.2
WIND	.1	.1	1.1	1.7	.9	.1	.2					4.4	13.3
WSP	.9	.6	.8	.8	.1							2.7	8.3
WSPR	.1	.9	.6	.7	.1	.1						2.4	12.2
CALC												3.3	
	.6	1.8	11.1	29.1	9.6	8.0	1.1					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2. CB STATION NAME CANNON AFB NM YEARS 69-70, 73-80 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION

SPEED (KNTS) DNE	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	.9	.7	.9							3.3	11.1
NNE	.7	.9	1.4	3.0	.7	.2	.4					7.3	12.2
NE	.6	.7	1.3	1.3	.2	.1						4.2	9.7
NNE	.6	1.3	1.6	1.3	.2	.1						5.1	8.8
E	.2	1.2	1.7	.4								3.6	7.2
ESE	.4	.6	.4	.2								1.7	6.3
SE	.6	1.9	.7	.3								3.4	5.9
SSE	.7	1.9	1.3	.2								4.1	6.3
S	1.4	1.2	2.6	1.7								8.9	7.0
SSW	1.4	1.7	2.1	1.0	.2	.2						6.7	7.7
SW	1.7	2.9	5.2	4.6		.1						13.8	9.1
WSW	1.2	2.0	3.0	3.1	.9	.3						10.6	9.7
W	.9	2.4	3.4	5.2	1.8	.7	.2					15.3	11.7
WWW	.1	.6	1.3	1.0	.2							3.2	9.8
NNW	.4	.8	.6	.2								2.0	6.4
NNW	.9	.9	.3	.1	.3							2.6	6.7
VARI													
CALM												4.2	
	11.8	21.8	27.9	25.1	5.8	1.8	.7					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2106
STATION

CANNON AFB NM

STATION NAME

69-70, 73-80

YEARS

NOV

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	1.6	.6	.1	.1						3.8	8.3
NNE	.2	1.0	1.7	2.0	.8	.2	.3					6.2	12.4
NE	.7	2.2	1.8	1.4	.6	.2						6.9	8.9
NNE	.9	2.8	2.1	.9	.2							6.9	7.3
E	1.2	1.3	.9	.4								3.9	5.7
ESE	.6	.4	.1	.1								1.2	4.5
SE	2.1	1.9	.8									4.8	4.4
SSE	1.2	1.9	.8	.4								4.3	5.6
S	2.8	2.8	1.3	.4	.1							7.4	5.3
SSW	2.1	1.1	.3	.3								3.9	4.6
SW	2.0	3.9	2.4	.2								8.6	5.5
WSW	1.2	3.3	5.0	1.2	.1							10.9	7.6
W	1.2	3.2	4.3	1.7	.1	.1						10.4	7.7
WWW	.7	.9	1.0	.6								3.1	6.7
NW	.8	1.1	.6		.1							2.6	5.7
NNW	.9	.3	.1	.6								1.9	6.5
VARIABLE													
CALM												13.2	
	19.0	29.0	24.8	10.9	2.1	.7	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23 08 STATION CANNON AFB NM STATION NAME 69-70.73-80 YEARS NOV MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	1.9	1.0	.1	.3						5.3	9.0
NNE	.3	1.0	1.2	1.6	1.0	.2						5.3	11.7
NE	.8	1.8	2.2	1.6	1.1							7.4	9.6
ENE	.6	2.2	.4	.9	.1							4.2	7.2
E	1.2	1.3	.4									3.0	4.3
ESE	.7	.2	.6									1.4	4.8
SE	.7	.6	.2	.1								1.6	4.5
SSE	.7	.9	.6	.1	.1							2.3	6.0
S	1.8	1.8	.9	.6	.1							5.1	5.9
SSW	.8	1.3	.6	.4	.2	.1						3.4	7.6
SW	2.0	1.3	.9	.1								4.3	4.7
WSW	1.2	4.6	3.3	1.2	.1							10.4	6.8
W	1.9	6.7	6.0	1.9		.3						16.8	7.3
WNW	.9	2.7	1.0	.6		.2						5.3	6.6
NW	1.9	2.4	2.0		.1							6.4	5.5
NNW	1.3	1.3	.2	.1	.1							3.1	4.7
VARB													
CALM												14.3	
	17.0	31.8	22.4	10.1	3.1	1.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27 08 STATION CANNON AFB NM 69-70.73-80 YEARS NOV MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.6	2.4	1.7	.6	.2	.0					7.3	9.4
NNE	.3	.9	1.9	2.5	.8	.2	.1					6.7	11.6
NE	.6	1.2	1.8	1.6	.6	.0						5.8	9.7
ENE	.6	1.3	1.7	.7	.1	.0						3.8	7.5
E	.5	1.0	.9	.3								2.7	6.1
ESE	.3	.5	.4	.1								1.3	5.9
SE	.6	.9	.7	.1								2.3	5.7
SSE	.6	.9	.9	.2	.0							2.5	6.2
S	1.1	1.7	1.6	.6	.0							5.0	6.5
SSW	1.0	1.1	1.0	.6	.1	.1						3.9	7.2
SW	1.2	1.8	2.3	1.6	.2	.1						7.2	8.0
WSW	1.0	2.5	3.7	2.4	.6	.2	.1					10.5	9.2
W	1.1	4.3	5.5	3.9	1.1	.5	.1					16.6	9.6
WNW	.7	2.0	2.1	1.1	.2	.1	.0					6.2	8.1
NW	1.5	2.1	1.2	.4	.1							5.3	5.8
NNW	.9	1.7	.7	.4	.1	.1						3.9	6.3
VARB													
CALM												9.2	
	12.7	25.6	28.0	18.2	4.6	1.3	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7049

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2.06 STATION CANNON AFB NM STATION NAME 69-70.73-83 YEARS DEC MONTH 0000-2200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	1.6	1.3	.2	.1						6.7	7.8
NNE	.3	1.6	1.2	1.7	1.6	.8						7.3	12.5
NE	.5	.6	1.7	1.4	.1	.1						4.4	9.8
NNE	.2	.6	.5	.1								1.4	6.3
E		.3	.3									.7	5.7
ESE	.6	.3	.1									1.0	3.8
SE	.7	.1	.1									.9	3.5
SSE	.2	.3	.1	.1								.8	6.0
S	.5	.7	.6	.3								2.1	6.3
SSW	.3	.8	.5	.2								1.8	6.1
SW	1.0	.9	.3	.3								2.6	5.4
WSW	.9	4.1	3.2	1.6	.1							10.0	7.3
W	1.4	6.3	10.5	4.6	.6							23.4	8.3
WWW	2.9	4.1	5.5	.8								13.4	6.3
NW	1.2	3.7	3.1	.5								8.4	6.1
NNW	1.8	3.0	1.3	.1								6.2	5.1
VARS													
CALM												8.9	
	13.6	30.1	30.6	13.1	2.6	1.0						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 868

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

21.00 STATION CANNON AFB NM STATION NAME 69-70.74-A2 YEARS DEC MONTH
ALL WEATHER CLASS 1300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	4.2	2.0	1.7	.1							9.6	5.8
NNE	.2	1.6	1.9	1.2	1.7	1.0						7.0	13.0
NE	.5	1.0	1.7	.8	.2	.1						9.3	8.8
NNE	.1	.9	.7	.2								1.9	7.1
E	.4	.1		.1								.6	4.4
ESE	.5	.2										.7	3.3
SE	.5	.6										1.1	3.4
SSE	.4	.9	.2									1.0	4.4
S	.6	.9	.9									1.3	4.5
SSW	.5	.6	.6	.2								1.9	6.4
SW	.7	1.6	.9	.2								2.9	5.8
WSW	1.1	2.3	3.1	.7	.1	.1						7.4	7.3
W	1.9	6.2	9.7	9.8	1.2	.1						23.4	8.7
WWW	1.1	6.1	5.3	2.2		.1						19.7	7.4
NW	2.2	3.2	2.9	1.0								8.7	6.1
NNW	1.7	3.8	1.8	.2								7.5	5.3
VARIES													
CALM												6.5	
	13.3	32.5	29.6	13.8	3.3	1.8						102.0	7.1

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-66 STATION CANNON AFB NM STATION NAME 69-70.73-80 TOWN 36C
DATE 2000-1000
MONTH (L O Y)

ALL WEATHER CLASS

DESCRIPTION

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	1.4	2.4	1.2	2.7	.8	.1						10.5	8.9
NNE	.2	.8	1.2	1.9	1.2	.3	.1					7.5	11.8
NE	.2	.2	1.2	1.3	.1							3.5	9.2
NNE	.1	.1	.9	.2	.1							1.8	7.4
E	.9	.2	.5	.1								1.1	6.2
ESE		.1										.1	6.0
SE	.1	.1	.1									.5	2.8
SSE		.1	.2									.3	6.4
S	.1	.2	.2									1.2	4.4
SSW	.1	.2	.8									1.5	5.9
SW	1.1	.8	.8	.1								2.6	5.0
WSW	.8	2.4	2.9	1.1	.1							7.2	7.8
W	2.0	7.0	8.1	5.8	.9	.3						23.2	8.4
WNW	1.5	8.1	5.8	2.8								15.8	7.3
WW	1.7	5.1	1.2	.3								10.3	5.7
WNW	1.7	1.9	1.0	.1								4.7	4.8
VAR													
CALM												7.7	
	12.2	28.8	11.8	18.8	2.8	.8	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/44C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-18-78 LAMON AFB MO 09-70-73-00 0-000
ALL WEATHER
1960-1974

SPEED (KNOTS) Dir	1-3	4-6	7-10	11-16	17-20	21-25	26-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
10	.5	.8	2.5	2.7	1.7	.1	.1						7.7	11.2
10-15	.2	.8	2.2	2.8	1.7	.9	.2						7.8	12.6
16	.5	.9	2.9	2.2	1.2	.2							8.8	12.1
0-10	.1	.5	1.4	.4	.1	.1							1.9	16.2
0	.2	.8	1.2	.1									2.4	7.1
100		1.2	.1	.1									1.4	6.1
50	.1	.8	.8										1.9	1.9
100		.2	.1										.5	6.4
5	.2	1.1	1.5	.9	.1								1.7	8.1
50-100	.9	.9	1.8	1.1									9.0	8.6
50	.1	1.1	1.8	1.7	.2	.1							1.1	9.7
100-150	1.1	2.2	9.9	1.7	1.0								1.0	9.7
10	.8	1.8	9.8	9.9	1.9	.8	.1	.1					24.8	12.0
100-150	.8	1.7	9.5	2.7	.9	.2	.1	.2					10.8	11.6
100	.1	1.1	1.8	1.1									1.9	8.1
100-150	.1	.8	.8	.8	.1								2.7	8.4
100-150														
CALM													2.5	
	5.2	15.8	16.1	29.2	8.0	1.9	.8	.1					100.0	17.9

TOTAL NUMBER OF OBSERVATIONS 936

UNRECORDED 100-3 64-11 APPROVED FOR RELEASE OF THE PRESIDENT OF THE UNITED STATES

U.S. NAVAL CLIMATE CENTER
 WASHINGTON, D.C.
 20340-5000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: AMMAN AIR STATION STATION NUMBER: 93-10011-1 MONTH: DEC
 DATE: 1800-2000 HOURS (L.O.T.): 1800-2000
 ALL STATIONS: ALL STATIONS

SPEED KNOTS 0-10	1-3	4-6	7-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	%	MEAN WIND SPEED
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	7.9	6.9
10	0.1	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	6.9	1.0
20	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	7.0	9.2
30	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.1	7.3
40	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.3	5.5
50	0.1	0.1	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.4	5.3
60	0.1	0.1	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7	4.0
70	0.1	0.1	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	5.8
80	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.2	5.2
90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.8	4.3
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	6.7	5.5
110	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.2	7.2
120	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	16.0	7.2
130	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.9	8.3
140	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.1	5.7
150	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.6	5.5
160	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.4	
170	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 927

USAF/AFM 3000 1-65 01-1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2722 CANNON AFB NM 43-7477-9 40000 DEC
STATION NAME ALL WEATHER 40000 40000
ELEVATION 40000 40000 40000

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	15-21	22-27	28-30	31-40	41-47	48-50	51-55	%	MEAN WIND SPEED
N	1.2	2.9	2.9	1.6	.2	.2						7.9	7.6
NNE	.2	.0	1.7	1.7	.0	.8						9.1	12.0
NE	.5	1.6	2.8	1.3	.5	.2						7.6	9.4
ENE	.1	.9	.4	.4								1.8	4.0
E	.6	1.2	.6									2.3	3.3
ESE	.9	.6	.1	.2								1.7	4.9
SE	.2	.3	.2									.5	2.0
SSE	.3	.2	.5									1.1	3.8
S	.0	.6	.9	.3	.1							2.8	3.6
SSW	.6	.5	.2									1.4	3.6
SW	1.8	2.3	.3	.1								4.5	4.1
WSW	1.6	3.1	9.6	1.7	.9							11.5	7.4
W	1.3	7.6	9.7	2.8	.1							21.5	7.6
WWW	1.5	2.6	3.0	.6	.2							8.2	8.5
NW	1.7	3.8	2.2	.3	.2							8.2	5.9
NNW	1.2	2.8	1.1									5.1	4.9
VARB.													
CALM												8.3	
	14.5	11.7	11.0	10.6	2.7	1.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 427

USAFETAC FROM O-5 OL-A: APPROX 10TH OF MAY 1968 ALL OTHERS

JOURNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME CANNON AFB TX 69-7473-01 69000 ALL
MONTH ALL
ALL WEATHER CLASS ALL
CONDITION ALL
HOURS (L.G.T.) ALL

SPEED KNOTS DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥60	%	MEAN WIND SPEED
0	.2	1.4	1.9	1.2	.9	.2	.0	.0				5.5	9.5
000	.3	.7	1.3	1.7	.7	.9	.1	.0				5.2	12.2
010	.9	1.2	1.4	1.3	.9	.1	.0					4.6	9.9
020	.5	1.2	1.1	.7	.1	.0						3.4	6.1
030	.3	1.3	1.3	.6	.1	.0	.0					4.1	6.9
040	.7	1.2	1.2	.9	.0	.0						3.1	6.7
050	.7	1.3	1.2	.5	.7	.0	.0					3.7	7.0
060	.9	1.4	2.2	1.1	.1	.0	.0					6.0	7.8
070	1.1	2.7	1.5	2.3	.1	.0	.0	.0				10.1	6.3
080	.9	1.7	2.0	1.3	.2	.1	.0					6.3	8.2
090	.9	2.1	2.3	1.6	.1	.1	.0	.0	.0			7.3	6.5
100	.8	2.3	2.9	2.0	.5	.1	.0	.0				8.6	9.0
110	.9	2.8	4.3	1.0	.8	.1	.1	.0				12.4	9.8
120	.8	1.5	1.6	.9	.1	.1	.1	.0				5.1	8.8
130	.7	1.4	1.0	.9	.1	.0	.0	.0				3.6	6.8
140	.6	1.1	.8	.3	.1	.0	.0	.0				2.8	6.9
150													
160													
170													
180													
190													
200													
210													
220													
230													
240													
250													
260													
270													
280													
290													
300													
310													
320													
330													
340													
350													
360													
CALM												8.2	
	11.8	28.9	29.0	19.3	8.6	1.6	.8	.1	.0			100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 84962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2474 CANNON AFB NM STATION NAME 69-70.73-81 YEARS ALL
MONTH ALL
HOURS (L.S.T.) ALL
INSTRUMENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.
CLASS AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	.7	1.6	1.5	.8	.5	.1					4.9	12.6
NNE	.2	1.1	2.5	4.4	3.0	1.5	.3	.0				13.0	14.6
NE	.3	.9	3.7	5.1	1.9	.5	.1					12.5	12.5
NNE	.3	1.3	2.6	2.1	.9	.0						6.6	9.8
E	.6	2.2	3.3	1.9	.2	.0						7.6	8.1
ESE	.5	2.1	2.9	.9	.1							5.9	7.6
SE	.8	1.9	2.9	1.1	.1	.0	.0					6.3	7.6
SSE	.8	2.9	3.9	1.2	.2							8.0	7.8
S	1.1	3.0	4.4	1.8	.1							10.3	7.6
SSW	.6	1.7	2.0	1.0	.0							5.3	7.5
SW	.5	.8	1.9	1.2		.0	.0	.0				4.4	6.7
WSW	.9	1.2	1.9	.8		.1	.0	.0				3.6	8.6
W	.3	.7	1.9	.3	.1	.1	.3	.1				3.2	11.2
WW	.2	.3	.2	.1	.0	.0	.2	.2				1.2	16.5
WNW	.2	.3	.2	.2	.0							.9	6.9
NNW	.3	.9	.2	.1	.1	.0	.0					1.1	8.3
VAR													
CALM												5.3	
	7.8	20.8	32.8	23.0	6.9	2.7	1.0	.8				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 5331

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2106
STATION

CANNON AFB NM
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	25	24	23	22%	22	21%	21%	21	20	20	20	25/16	20	20
NO CEILING	77.6	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.9
2 20000	74.6	76.0	76.0	76.3	76.3	76.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.6
2 18000	74.7	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.7
2 16000	74.7	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.7
2 14000	75.1	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	77.1
2 12000	75.6	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.6
2 10000	77.0	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	79.0
2 9000	77.7	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	79.0
2 8000	77.1	78.5	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.2
2 7000	78.4	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.4
2 6000	79.1	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9	81.2
2 5000	79.7	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6	81.6	81.8
2 4500	79.9	81.3	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8	82.1
2 4000	80.7	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.1	82.1	82.4
2 3500	80.7	82.2	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.9	82.9	83.1
2 3000	81.5	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.9
2 2500	82.6	84.1	84.1	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.9	84.9	85.2
2 2000	83.3	84.8	84.8	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.8
2 1800	83.2	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.8
2 1500	83.9	85.7	85.7	85.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.6
2 1200	84.1	86.1	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.7	86.7	87.0
2 1000	84.8	87.0	87.0	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.7	87.7	88.0
2 900	85.0	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.9	87.9	88.2
2 800	85.4	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.6
2 700	85.4	88.1	88.1	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.7	89.0
2 600	86.1	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.8
2 500	86.6	89.5	89.5	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.1	90.1	90.4
2 400	86.7	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.8
2 300	86.7	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.8
2 200	86.7	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.8
2 100	86.7	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.8
2 0	86.7	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.5	90.8

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
UNAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2. 03

CANNON AFB NM

70,74-91

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	20	24	25	24	23	22 1/2	22	21 1/2	21	20 1/2	20	19 1/2	19	18 1/2	18	20
≥ 2000	69.9	71.1	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.6	71.9	71.9	72.0	72.0	72.0	72.2
≥ 1800	72.7	74.0	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.6	74.8	74.8	75.0	75.0	75.1	75.1
≥ 1600	72.7	74.0	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.6	74.8	74.8	75.0	75.0	75.1	75.1
≥ 1400	72.7	74.0	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.6	74.8	74.8	75.0	75.0	75.1	75.1
≥ 1200	73.0	74.3	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.8	75.1	75.1	75.2	75.2	75.4	75.4
≥ 1000	74.2	75.6	75.9	75.9	76.0	76.0	76.0	76.2	76.2	76.3	76.6	76.6	76.7	76.7	76.8	76.8
≥ 800	74.3	75.9	76.0	76.0	76.2	76.2	76.2	76.3	76.3	76.4	76.7	76.7	76.8	76.8	77.0	77.0
≥ 600	75.4	77.1	77.1	77.1	77.2	77.2	77.2	77.4	77.4	77.5	77.8	77.8	77.9	77.9	78.0	78.0
≥ 400	75.6	77.4	77.5	77.5	77.6	77.6	77.6	77.8	77.8	77.9	78.2	78.2	78.3	78.3	78.4	78.4
≥ 200	76.6	78.2	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.7	79.1	79.0	79.1	79.1	79.3	79.3
≥ 100	77.4	79.3	79.4	79.4	79.5	79.5	79.5	79.7	79.7	79.8	80.1	80.1	80.2	80.2	80.3	80.3
≥ 50	78.7	79.8	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.5	80.7	80.7	80.9	80.9	81.0	81.0
≥ 25	78.7	80.5	80.7	80.7	80.9	80.9	80.9	81.0	81.0	81.1	81.4	81.4	81.5	81.5	81.7	81.7
≥ 10	79.3	81.0	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.7	81.9	81.9	82.1	82.1	82.2	82.2
≥ 5	80.4	82.2	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.9	83.1	83.1	83.4	83.4	83.5	83.5
≥ 2 1/2	80.9	83.1	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.9	84.2	84.2	84.6	84.6	84.7	84.7
≥ 1 1/2	81.1	83.3	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.1	84.3	84.3	84.7	84.7	84.9	84.9
≥ 1	81.3	83.5	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.6	84.6	85.0	85.0	85.1	85.1
≥ 3/4	81.9	84.2	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.4	85.4	85.8	85.8	85.9	85.9
≥ 1/2	81.9	84.2	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.4	85.4	85.8	85.8	85.9	85.9
≥ 1/4	82.3	84.9	85.4	85.4	85.7	85.7	85.7	85.8	85.8	85.9	86.2	86.2	86.9	86.9	87.0	87.0
≥ 1/8	82.3	85.0	85.5	85.5	85.8	85.8	85.8	85.9	85.9	86.1	86.3	86.3	87.0	87.0	87.1	87.1
≥ 1/16	82.9	85.5	86.2	86.2	86.4	86.4	86.4	86.5	86.5	87.0	87.3	87.3	88.1	88.1	88.2	88.2
≥ 1/32	83.3	86.2	87.0	87.0	87.4	87.4	87.4	87.6	87.6	88.0	88.2	88.2	89.0	89.0	89.2	89.2
≥ 1/64	83.3	86.7	87.4	87.4	88.2	88.2	88.2	88.5	88.5	88.6	88.9	88.9	89.7	89.7	89.8	89.8
≥ 1/128	84.2	87.1	88.5	88.5	89.4	89.4	89.4	89.7	89.7	90.2	90.4	90.4	91.4	91.4	91.7	91.7
≥ 1/256	84.3	88.0	89.0	89.0	90.6	90.6	90.6	91.6	91.6	92.0	92.2	92.2	93.0	93.0	93.3	93.3
≥ 1/512	84.3	88.1	89.3	89.3	91.0	91.0	91.0	91.3	91.3	92.2	93.0	93.0	93.8	93.8	95.2	95.2
≥ 1/1024	84.3	88.1	89.3	89.3	91.0	91.0	91.0	91.4	91.4	92.8	93.8	93.8	95.0	95.0	96.8	96.8
≥ 1/2048	84.3	88.1	89.3	89.3	91.0	91.0	91.0	91.4	91.4	92.8	93.8	93.8	95.2	95.2	97.1	97.1
≥ 1/4096	84.3	88.1	89.3	89.3	91.0	91.0	91.0	91.4	91.4	92.8	93.8	93.8	95.2	95.2	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 747

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21 05

CANNON AFB NM

70-73-01

JAN

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1001
hours (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
1000	61.5	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
900	66.5	67.5	67.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
800	66.5	67.5	67.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
700	66.5	67.5	67.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
600	66.5	67.5	67.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
500	71.5	72.5	72.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
400	71.5	72.5	72.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
300	72.5	73.5	73.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
200	73.5	74.5	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
100	74.5	75.5	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
0	74.5	75.5	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
1000	76.5	77.5	77.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
900	77.5	78.5	78.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
800	77.5	78.5	78.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
700	77.5	78.5	78.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
600	77.5	78.5	78.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
500	78.5	79.5	79.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
400	78.5	79.5	79.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
300	78.5	79.5	79.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
200	78.5	79.5	79.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
100	78.5	79.5	79.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
0	78.5	79.5	79.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
1000	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
900	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
800	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
700	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
600	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
500	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
400	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
300	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
200	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
100	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
0	79.5	80.5	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5

TOTAL NUMBER OF OBSERVATIONS 97

USAF ETAC FORM 9-10-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

21 05
STATION

CANNON AFB NM

70.73-81

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-111
MONTH 1-12

CEILING (FEET)	VISIBILITY (MILES)															
	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/2
1000	59.5	59.0	59.0	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
900	67.5	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
800	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
700	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
600	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
500	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
400	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
300	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
200	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
100	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
900	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
800	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
700	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
600	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
500	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
400	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
300	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
200	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
100	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
900	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
800	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
700	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
600	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
500	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
400	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
300	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
200	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
100	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0

TOTAL NUMBER OF OBSERVATIONS 93

1. 1990年12月25日，在“九七”香港回归前，香港各界人士纷纷发表文章，就香港前途问题提出自己的看法。

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[illegible]

TOTAL NUMBER OF OBSERVATIONS

[illegible]

GLOBAL CLIMATOLOGY BRANCH
U. S. AFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

27.06

CANNON AFB NM

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.0-23.00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	26	21	24	23	20/	22	27	21/	21	24	24	27	25/10	24	20
NO CEILING	73.5	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
2 2000	77.7	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
2 1800	77.7	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
2 1600	77.7	79.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
2 1400	78.7	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
2 1200	78.7	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
2 1000	79.7	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
2 800	79.7	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
2 600	80.7	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
2 400	81.4	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
2 200	81.5	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
2 100	82.3	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
2 80	82.5	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
2 60	82.5	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
2 40	83.0	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
2 20	83.8	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
2 10	84.7	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
2 5	85.4	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
2 2	85.5	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
2 1	85.7	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
2 0	86.0	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
2 0	86.7	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
2 0	86.9	89.0	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
2 0	87.0	89.1	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
2 0	87.2	89.5	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
2 0	87.2	89.5	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
2 0	87.3	89.7	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
2 0	87.4	90.0	90.4	90.6	91.5	91.6	91.9	92.4	92.5	92.8	93.3	93.3	93.3	93.3	93.3	93.8
2 0	87.4	90.0	90.4	90.6	91.7	91.8	92.2	92.8	93.4	93.9	94.7	94.8	95.3	95.5	95.5	95.6
2 0	87.4	90.0	90.4	90.6	91.7	91.8	92.3	92.9	93.5	94.1	95.3	95.6	96.8	97.3	97.7	98.2
2 0	87.4	90.0	90.4	90.6	91.8	91.9	92.4	93.3	93.7	94.2	95.4	95.8	97.1	97.6	98.4	100.0
2 0	87.4	90.0	90.4	90.6	91.8	91.9	92.4	93.0	93.7	94.2	95.4	95.8	97.1	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

93

CELESTIAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

2 05 CANNON AFB NM

70.73-P1

JAN

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

hours (L.S.T.)

VISIBILITY (MILES)	VISIBILITY - STATUTE MILES															
	20	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
≥ 1000	66.7	67.5	67.6	67.7	67.8	67.9	67.9	68.0	68.1	68.0	68.1	68.1	68.1	68.1	68.2	68.2
≥ 900	72.6	73.4	73.5	73.6	73.6	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.1
≥ 800	72.6	73.6	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 700	72.9	73.7	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.4	74.4
≥ 600	73.1	74.1	74.2	74.4	74.5	74.5	74.6	74.6	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 500	74.1	75.1	75.2	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8
≥ 400	76.3	77.2	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8
≥ 300	76.4	77.3	77.4	77.5	77.6	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0
≥ 200	79.1	78.6	79.0	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.6
≥ 100	79.1	80.0	80.1	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7
≥ 800	79.9	80.7	80.9	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4
≥ 700	80.7	81.7	81.8	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5
≥ 600	81.1	82.0	82.2	82.3	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.9	82.9
≥ 500	81.6	82.6	82.7	82.9	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.5	83.5
≥ 400	81.9	83.0	83.2	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9
≥ 300	82.6	83.9	84.0	84.2	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 200	83.1	84.8	84.8	84.9	85.2	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7
≥ 100	83.5	85.3	85.3	85.4	85.7	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.2	86.2	86.2
≥ 800	83.7	85.5	85.5	85.6	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.5	86.5
≥ 700	84.2	85.9	86.1	86.3	86.6	86.7	86.9	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.3
≥ 600	84.6	86.5	86.6	87.0	87.4	87.5	87.7	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.1	88.1
≥ 500	85.7	87.3	87.7	87.9	88.4	88.5	88.8	88.8	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.3
≥ 400	85.2	87.6	88.1	88.3	88.8	89.0	89.2	89.3	89.4	89.5	89.5	89.5	89.7	89.7	89.8	89.8
≥ 300	85.4	88.0	88.5	88.8	89.3	89.5	89.9	90.0	90.1	90.2	90.3	90.3	90.5	90.5	90.6	90.6
≥ 200	85.6	88.4	89.4	89.2	89.9	90.1	90.5	90.6	90.7	90.9	91.0	91.0	91.2	91.2	91.3	91.3
≥ 100	85.7	88.7	89.3	89.7	90.4	90.7	91.1	91.3	91.4	91.6	91.7	91.7	91.9	92.0	92.0	92.0
≥ 800	86.0	89.2	89.9	90.3	91.1	91.6	92.1	92.5	92.7	92.9	93.1	93.1	93.4	93.5	93.5	93.5
≥ 700	86.1	89.4	90.3	90.9	92.1	92.5	93.2	93.7	94.0	94.3	94.6	94.7	95.0	95.1	95.2	95.2
≥ 600	86.1	89.4	90.4	91.0	92.3	92.8	93.5	94.1	94.7	95.1	95.7	95.8	96.3	96.4	96.5	96.6
≥ 500	86.1	89.4	91.4	91.0	92.3	92.8	93.6	94.5	94.9	95.6	96.5	96.7	97.6	97.8	98.3	98.9
≥ 400	86.1	89.4	90.4	91.0	92.3	92.9	93.6	94.5	95.0	95.7	96.6	96.8	97.6	98.0	98.7	99.8
≥ 300	86.1	89.4	90.4	91.0	92.3	92.9	93.6	94.5	95.0	95.7	96.6	96.8	97.6	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

7109

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2108
STATION

CANNON AFB NM
STATION NAME

70,74-81
YEARS

FE-
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	20	24	25	24	23	22%	22	21%	21%	21	20	20	20	20	20	20
NO FLOW ≥ 25000	71.7	72.8	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.8
≥ 18000	74.4	75.5	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.4	76.5
≥ 15000	74.5	75.7	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.5	76.7
≥ 14000	75.2	76.4	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.4
≥ 12000	75.7	76.8	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.7	77.8
≥ 10000	77.6	78.4	79.4	79.4	79.5	79.5	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9	80.1
≥ 9000	78.7	79.1	79.5	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	80.1	80.2
≥ 8000	78.2	79.4	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.4	80.5
≥ 7000	78.4	79.5	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.5	80.7
≥ 6000	78.7	79.8	80.2	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.8	80.9
≥ 5000	78.8	79.9	80.4	80.4	80.5	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.1
≥ 4500	78.8	79.9	80.4	80.4	80.5	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.1
≥ 4000	78.8	79.9	80.4	80.4	80.5	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9	81.1
≥ 3500	78.9	80.1	80.5	80.5	80.6	80.6	80.6	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.2	81.4
≥ 3000	79.9	81.1	81.5	81.5	81.6	81.6	81.6	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.2	82.5
≥ 2500	79.9	81.1	81.5	81.5	81.6	81.6	81.6	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.2	82.5
≥ 2000	80.8	82.2	82.6	82.6	83.2	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.9
≥ 1800	80.8	82.2	82.6	82.6	83.2	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.9
≥ 1500	81.1	82.6	83.2	83.2	83.6	83.6	83.6	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.8
≥ 1200	81.5	83.1	83.6	83.6	84.2	84.2	84.2	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.1	85.2
≥ 1000	82.4	84.2	84.6	84.6	85.3	85.3	85.3	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.2	86.5
≥ 900	82.4	84.4	85.3	85.3	86.1	86.1	86.1	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.9	87.2
≥ 800	83.4	85.5	86.1	86.1	86.6	86.6	86.6	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.8	88.1
≥ 700	83.5	85.6	86.3	86.3	86.9	86.9	86.9	87.2	87.2	87.2	87.8	87.8	87.8	87.8	88.1	88.5
≥ 600	83.6	86.1	86.8	86.8	87.3	87.3	87.3	87.6	87.6	87.6	88.2	88.2	88.2	88.2	88.5	88.9
≥ 500	83.6	86.1	87.1	87.1	87.9	87.9	87.9	88.2	88.2	88.2	88.9	88.9	88.9	88.9	89.5	89.9
≥ 400	83.6	86.8	87.5	87.5	88.3	88.3	88.3	89.2	89.2	89.2	90.3	90.3	90.3	90.3	91.5	91.9
≥ 300	83.6	86.8	87.5	87.5	88.3	88.3	88.3	89.2	89.2	89.2	90.6	90.6	90.6	91.0	91.9	92.2
≥ 200	83.6	86.9	87.6	87.6	88.5	88.5	88.5	89.0	89.0	89.0	90.9	90.9	90.9	91.3	92.3	93.6
≥ 100	83.6	86.9	87.6	87.6	88.5	88.5	88.5	89.0	89.0	89.0	90.9	90.9	90.9	91.3	92.3	93.6
≥ 0	83.6	86.9	87.6	87.6	88.5	88.5	88.5	89.0	89.0	89.0	90.9	90.9	90.9	91.3	92.3	93.6

TOTAL NUMBER OF OBSERVATIONS 707

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 78

CANNON AFB NM

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	20	20	25	24	23	22 1/2	22	21 1/2	21 1/4	21	20	20	20	25/16	24	20
NO. REPORTS	63.8	65.8	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.7	66.9	66.9	66.9	66.9	67.0	67.0
≥ 2000	68.4	70.7	71.1	71.1	71.4	71.5	71.5	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.8	71.8
≥ 1800	69.1	71.4	71.8	71.8	72.1	72.2	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.5	72.5
≥ 1600	69.2	71.5	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.7	72.7
≥ 1400	69.6	71.6	72.3	72.3	72.5	72.7	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	73.0	73.0
≥ 1200	71.2	73.5	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.4	74.6	74.6	74.6	74.6	74.7	74.7
≥ 1000	74.9	77.2	77.6	77.6	78.0	78.1	78.1	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.5	78.5
≥ 900	75.1	77.3	77.8	77.8	78.1	78.2	78.2	78.2	78.2	78.3	78.5	78.5	78.5	78.5	78.6	78.6
≥ 800	75.6	78.2	78.8	78.8	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6
≥ 700	76.1	78.7	79.3	79.3	79.6	79.8	79.8	79.9	79.9	79.9	80.0	80.1	80.1	80.1	80.2	80.2
≥ 600	76.4	79.1	79.6	79.6	80.0	80.1	80.2	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.6	80.6
≥ 500	77.0	79.6	80.2	80.2	80.6	80.7	80.8	80.8	80.8	80.9	81.1	81.1	81.1	81.1	81.2	81.2
≥ 450	77.1	79.8	80.4	80.4	80.7	80.8	80.9	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3
≥ 400	77.5	80.4	80.9	80.9	81.3	81.4	81.5	81.5	81.5	81.7	81.8	81.8	81.8	81.8	81.9	81.9
≥ 350	77.8	80.5	81.1	81.1	81.4	81.5	81.7	81.7	81.7	81.8	81.9	81.9	81.9	81.9	82.0	82.0
≥ 300	78.1	80.9	81.5	81.5	81.9	82.0	82.1	82.1	82.1	82.2	82.4	82.4	82.4	82.4	82.5	82.5
≥ 250	78.2	81.3	81.9	81.9	82.2	82.4	82.5	82.6	82.6	82.7	82.8	82.8	82.8	82.8	83.0	83.0
≥ 200	78.5	81.7	82.2	82.2	82.6	82.7	82.8	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.3	83.3
≥ 180	79.1	82.4	83.0	83.0	83.3	83.4	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0
≥ 150	79.3	82.7	83.3	83.3	83.7	83.8	83.9	84.0	84.0	84.1	84.3	84.3	84.3	84.3	84.4	84.4
≥ 120	79.5	83.2	83.9	83.9	84.3	84.4	84.5	84.6	84.6	84.7	84.9	84.9	84.9	84.9	85.0	85.0
≥ 100	80.0	83.6	84.5	84.6	85.0	85.1	85.2	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.7	85.7
≥ 90	80.5	84.4	85.1	85.2	85.6	85.7	85.8	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.4	86.4
≥ 80	80.9	85.2	85.9	86.0	86.4	86.5	86.6	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2
≥ 70	81.2	85.4	86.2	86.3	86.7	86.9	87.0	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.8	87.8
≥ 60	81.2	85.6	86.3	86.4	86.9	87.0	87.1	87.5	87.8	87.9	88.1	88.0	88.0	88.0	88.2	88.2
≥ 50	81.2	85.8	86.5	87.0	87.6	87.7	87.8	88.4	89.0	89.5	89.6	89.6	89.7	89.7	89.9	89.9
≥ 40	81.2	86.0	87.0	87.7	88.9	89.0	89.2	90.1	90.7	91.2	91.5	91.5	92.1	92.2	92.4	92.5
≥ 30	81.2	86.0	87.0	87.7	89.2	89.3	89.7	90.5	91.4	92.1	92.4	92.4	93.1	93.4	93.8	94.2
≥ 20	81.2	86.0	87.0	87.7	89.2	89.3	89.8	90.8	91.6	92.7	93.6	94.0	95.3	95.6	96.3	96.9
≥ 10	81.2	86.0	87.0	87.7	89.2	89.3	89.8	90.8	91.6	92.7	93.6	94.7	95.4	95.9	97.0	98.8
≥ 0	81.2	86.0	87.0	87.7	89.2	89.3	89.8	90.8	91.6	92.7	93.6	94.0	95.4	95.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS

845

USAF ETAC FORM 0-4-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 08

CANNON AFB NM

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
NO CEILING	62.5	63.9	64.2	64.4	64.5	64.5	64.5	64.5	64.9	65.0	65.0	65.1	65.1	65.2	65.2	65.2
≥ 2000	69.9	71.9	72.2	72.6	72.7	72.7	72.7	73.0	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4
≥ 1800	70.2	72.2	72.6	72.9	73.0	73.0	73.0	73.4	73.5	73.5	73.5	73.6	73.6	73.8	73.8	73.8
≥ 1600	70.2	72.2	72.6	72.9	73.0	73.0	73.0	73.4	73.5	73.5	73.5	73.6	73.6	73.8	73.8	73.8
≥ 1400	70.9	72.9	73.3	73.6	73.8	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.5	74.5	74.5	74.5
≥ 1200	72.2	74.9	74.8	75.2	75.3	75.3	75.3	75.8	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1
≥ 1000	75.3	77.9	77.9	78.3	78.4	78.5	78.5	79.0	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.3
≥ 900	75.3	77.7	78.0	78.4	78.5	78.6	78.6	79.1	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4
≥ 800	77.0	79.3	79.7	80.1	80.3	80.4	80.4	80.9	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥ 700	77.3	79.7	80.1	80.6	80.7	80.9	80.9	81.3	81.4	81.4	81.6	81.6	81.7	81.7	81.7	81.7
≥ 600	78.3	80.6	81.1	81.6	81.8	81.9	81.9	82.4	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7
≥ 500	79.1	81.7	82.2	82.6	82.9	83.0	83.0	83.5	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8
≥ 450	79.1	81.7	82.2	82.6	82.9	83.0	83.0	83.5	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8
≥ 400	79.1	81.6	82.3	82.7	83.0	83.1	83.1	83.6	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9
≥ 350	79.3	82.2	82.6	83.1	83.3	83.6	83.6	84.0	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4
≥ 300	79.3	82.5	83.0	83.6	83.8	84.0	84.0	84.2	84.6	84.8	84.8	84.9	84.9	85.0	85.0	85.0
≥ 250	80.0	83.3	83.8	84.4	84.6	84.9	85.0	85.5	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8
≥ 200	80.1	84.3	84.8	85.3	85.7	85.9	86.1	86.5	86.6	86.6	86.8	86.8	86.9	86.9	86.9	86.9
≥ 1800	80.1	84.4	84.9	85.5	85.6	86.1	86.2	86.6	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0
≥ 1600	80.1	85.2	85.7	86.3	86.6	87.0	87.2	87.7	87.8	87.8	87.9	87.9	88.1	88.1	88.1	88.1
≥ 1400	81.1	85.6	86.3	86.9	87.4	87.6	87.8	88.3	88.4	88.4	88.5	88.5	88.7	88.7	88.7	88.7
≥ 1200	82.2	87.2	87.6	88.5	89.1	89.4	89.6	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.4
≥ 1000	82.3	87.4	87.9	88.7	89.2	89.5	89.7	90.2	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 900	82.6	87.6	88.4	89.2	89.6	90.0	90.4	91.1	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.6
≥ 800	82.9	88.1	88.9	89.7	90.3	90.6	90.9	91.6	91.7	91.7	91.8	91.8	92.0	92.0	92.0	92.1
≥ 700	82.9	88.3	89.2	90.1	90.8	91.0	91.6	92.4	92.6	92.6	92.7	92.7	93.0	93.0	93.0	93.1
≥ 600	82.9	88.3	89.4	90.4	91.3	91.6	92.3	93.9	94.0	94.0	94.1	94.1	94.6	94.6	94.6	94.7
≥ 500	82.9	88.4	89.7	90.8	91.7	92.1	93.0	94.9	95.2	95.2	95.9	95.9	96.6	96.6	96.7	96.9
≥ 400	82.9	88.4	89.7	90.8	91.7	92.1	93.1	95.0	95.5	95.5	96.1	96.7	97.0	97.8	97.8	98.1
≥ 300	82.9	88.4	89.7	90.8	91.7	92.1	93.1	95.0	95.5	95.5	96.1	96.8	97.0	98.3	98.6	99.1
≥ 200	82.9	88.4	89.7	90.8	91.7	92.1	93.1	95.0	95.5	95.5	96.1	96.8	97.0	98.3	98.6	99.1
≥ 100	82.9	88.4	89.7	90.8	91.7	92.1	93.1	95.0	95.5	95.5	96.1	96.8	97.0	98.3	98.6	99.1
≥ 0	82.9	88.4	89.7	90.8	91.7	92.1	93.1	95.0	95.5	95.5	96.1	96.8	97.0	98.3	98.6	99.1

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 700-26 0-14-2 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2106

CANNON AFB NM

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	20	20	25	24	21	22	22	21	21	24	24	24	24	25/16	24	20	
NO CEILING	60.9	61.8	62.1	62.1	62.5	62.6	62.6	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
2 2000	69.6	70.9	71.3	71.3	71.7	71.9	72.0	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
2 1800	71.1	71.4	71.7	71.7	72.3	72.5	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
2 1600	70.3	71.6	72.0	72.0	72.6	72.7	72.8	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
2 1400	71.2	72.5	72.8	72.8	73.4	73.5	73.6	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
2 1200	73.0	74.5	74.8	74.9	75.5	75.7	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	
2 1000	76.1	77.7	78.1	78.3	78.8	79.0	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
2 800	76.1	77.7	78.1	78.3	78.8	79.0	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
2 600	77.9	79.1	79.6	79.7	80.3	80.4	80.5	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
2 400	77.9	79.6	80.0	80.1	80.7	80.9	81.0	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
2 200	78.6	80.9	81.1	81.2	81.8	81.9	82.0	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	
2 1000	80.3	81.9	82.6	82.9	83.5	83.6	83.8	84.4	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	
2 400	80.6	82.3	83.1	83.2	83.8	83.9	84.2	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	
2 200	81.6	83.2	83.9	84.2	84.8	84.9	85.1	85.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	
2 1000	82.4	84.0	84.6	85.0	85.6	85.7	85.9	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	
2 800	83.1	85.2	86.1	86.3	86.9	87.0	87.2	87.8	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	
2 600	84.0	86.4	87.2	87.5	88.1	88.2	88.4	89.0	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	
2 400	84.6	87.1	88.1	88.3	89.1	89.2	89.5	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	
2 200	85.1	87.7	88.7	88.9	89.7	89.8	90.1	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	
2 1000	85.7	88.5	89.6	89.8	90.8	90.9	91.1	91.7	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	
2 800	86.6	89.6	90.9	91.3	92.3	92.4	92.7	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	
2 600	87.3	90.7	91.6	92.2	93.4	93.5	93.7	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	
2 400	87.5	91.1	92.1	92.7	93.9	94.0	94.2	94.8	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	
2 200	87.5	91.3	92.4	92.9	94.1	94.2	94.6	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	
2 1000	87.6	91.6	92.6	93.3	94.7	94.8	95.4	96.0	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	
2 800	87.6	92.2	93.5	94.3	95.7	95.9	96.5	97.3	97.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	
2 600	87.7	92.3	93.7	94.9	96.3	96.5	97.0	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	
2 400	87.7	92.6	94.0	95.4	96.8	97.0	97.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
2 200	87.7	92.6	94.0	95.4	96.8	97.0	97.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
2 1000	87.7	92.6	94.0	95.4	96.8	97.0	97.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
2 800	87.7	92.6	94.0	95.4	96.8	97.0	97.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 06

CANNON AFB NM

70,73-81

FLE

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
NO CEILING	60.8	61.2	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0
2 2000	71.8	72.1	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9
2 1800	72.1	72.7	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6
2 1600	72.3	72.9	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8
2 1400	72.7	73.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
2 1200	75.5	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0
2 1000	78.2	78.8	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8
2 900	78.7	79.3	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2
2 800	82.0	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6
2 700	82.5	83.3	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3
2 600	83.2	84.0	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0
2 500	85.3	85.8	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1
2 450	85.3	86.2	86.6	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6
2 400	86.5	87.3	87.8	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8
2 350	87.7	88.2	88.6	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8
2 300	88.3	89.6	90.1	90.7	90.9	90.9	91.0	91.1	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5
2 250	88.9	90.4	90.9	91.6	91.8	91.8	92.0	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4
2 200	88.9	90.5	91.0	91.7	92.0	92.1	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
2 1800	89.1	90.6	91.2	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
2 1600	89.7	91.6	92.1	92.9	93.3	93.3	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
2 1400	90.2	92.2	92.7	93.5	93.7	93.8	94.0	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3
2 1200	90.4	92.5	93.0	93.6	94.4	94.7	94.8	94.9	94.9	94.9	95.0	95.3	95.3	95.3	95.3	95.3
2 1000	90.5	93.0	93.5	94.1	94.4	95.1	95.3	95.4	95.4	95.4	95.5	95.7	95.7	95.9	95.9	95.9
2 900	90.5	93.1	93.7	94.6	95.1	95.5	95.5	95.9	96.0	96.0	96.1	96.3	96.3	96.4	96.4	96.4
2 800	90.8	93.5	94.1	95.0	95.6	96.0	96.3	96.4	96.6	96.7	96.9	96.9	97.2	97.2	97.2	97.2
2 700	90.9	93.6	94.3	95.5	96.2	96.7	97.0	97.2	97.3	97.4	97.6	97.6	97.9	97.9	97.9	97.9
2 600	90.9	93.8	94.6	95.9	96.6	97.0	97.4	97.5	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3
2 500	91.1	94.1	94.8	96.3	97.2	97.6	98.0	98.1	98.2	98.3	98.6	98.6	98.9	98.9	98.9	98.9
2 400	91.1	94.1	94.8	96.3	97.2	97.6	98.0	98.1	98.2	98.3	98.6	98.6	98.9	98.9	98.9	98.9
2 300	91.1	94.1	94.8	96.3	97.2	97.6	98.0	98.1	98.2	98.3	98.6	98.6	98.9	98.9	98.9	98.9
2 200	91.1	94.1	94.8	96.3	97.2	97.6	98.0	98.1	98.2	98.3	98.6	98.6	98.9	98.9	98.9	98.9
2 100	91.1	94.1	94.8	96.3	97.2	97.6	98.0	98.1	98.2	98.3	98.6	98.6	98.9	98.9	98.9	98.9
2 0	91.1	94.1	94.8	96.3	97.2	97.6	98.0	98.1	98.2	98.3	98.6	98.6	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 845

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 93

CANNON AFB NM

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.G.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO CEILING	69.6	70.5	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
2 7000	75.7	76.6	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
2 6000	76.4	77.3	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8
2 5000	76.6	77.6	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1
2 4000	77.5	78.4	78.5	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
2 3000	78.8	79.7	79.8	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
2 2000	81.0	82.0	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
2 1000	81.3	82.0	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
2 8000	82.0	82.9	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4
2 7000	82.6	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
2 6000	83.7	84.7	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
2 5000	85.6	86.6	86.7	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4
2 4500	86.7	87.2	87.3	87.3	87.5	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0
2 4000	86.6	88.1	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8
2 3500	87.1	88.4	88.5	88.5	88.7	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
2 3000	87.3	88.7	88.8	88.8	89.0	89.0	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6
2 2500	87.6	89.4	89.6	89.6	89.9	89.9	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
2 2000	88.4	90.7	90.9	91.0	91.2	91.2	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
2 1800	88.5	90.9	91.0	91.1	91.3	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
2 1500	89.1	91.5	91.6	91.7	91.9	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
2 1200	89.1	91.5	91.6	91.7	91.9	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
2 1000	89.4	91.9	92.1	92.2	92.5	92.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
2 900	89.6	92.4	92.5	92.6	93.1	93.1	93.2	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.8	93.8
2 800	90.3	92.6	93.1	93.4	94.0	94.0	94.1	94.4	94.4	94.4	94.4	94.7	94.7	94.8	94.8	95.0
2 700	90.2	92.9	93.4	93.6	94.2	94.2	94.3	94.7	94.7	94.7	94.7	94.9	95.0	95.1	95.1	95.4
2 600	90.3	93.5	94.0	94.2	94.9	94.9	95.0	95.4	95.4	95.4	95.4	95.6	95.7	95.8	95.8	96.0
2 500	90.4	94.1	94.5	95.1	95.6	95.6	96.1	96.4	96.7	96.7	96.7	96.9	97.0	97.3	97.3	97.6
2 400	90.4	94.2	94.7	95.3	96.0	96.2	96.4	96.9	97.2	97.2	97.2	97.4	97.6	97.9	97.9	98.2
2 300	90.4	94.2	94.7	95.3	96.0	96.2	96.7	97.2	97.4	97.4	97.4	97.6	97.9	98.1	98.1	98.5
2 200	90.4	94.3	94.8	95.4	96.1	96.3	96.8	97.4	97.6	97.7	97.7	98.2	98.5	98.7	98.8	99.4
2 100	90.4	94.3	94.8	95.4	96.2	96.4	96.9	97.5	97.7	97.9	97.9	98.3	98.6	98.8	98.9	99.8
2 0	90.4	94.3	94.8	95.4	96.2	96.4	96.9	97.5	97.7	97.9	97.9	98.3	98.6	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 843

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21 DE

CANNON AFB NM

70.73-81

FLP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1100-2300
 HOURS (L.O.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	21	24	23	227	22	217	216	21	24	24	24	25/10	26	20
21000	73.1	73.1	73.4	73.4	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.3	74.3	74.3
2 20000	77.3	77.3	77.6	77.6	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4
2 18000	77.5	77.6	77.9	77.9	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5
2 16000	77.5	77.6	77.9	77.9	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5
2 14000	77.5	77.6	77.9	77.9	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5
2 12000	78.3	78.4	78.6	78.6	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4
2 10000	80.9	81.0	81.4	81.4	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.0
2 8000	81.0	81.1	81.5	81.5	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1
2 6000	83.2	83.0	83.4	83.4	83.6	83.6	83.7	83.7	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0
2 4000	83.7	83.3	83.6	83.6	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2
2 3000	83.5	83.7	84.1	84.1	84.3	84.3	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8
2 2000	83.9	84.1	84.5	84.5	84.7	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2
2 1500	84.3	84.6	84.9	84.9	85.2	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6
2 1000	85.4	85.6	86.1	86.1	86.4	86.4	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8
2 750	85.6	85.9	86.4	86.4	86.6	86.6	86.7	86.7	86.8	87.1	87.0	87.0	87.0	87.1	87.1	87.1
2 500	86.1	86.6	87.2	87.2	87.4	87.4	87.5	87.5	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9
2 250	86.5	87.0	87.5	87.5	87.8	87.8	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.4
2 200	86.6	87.4	88.4	88.4	88.7	88.7	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3
2 100	86.7	88.0	88.6	88.6	89.1	89.1	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7
2 75	87.1	88.3	88.6	89.0	89.3	89.3	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
2 50	87.1	88.7	89.3	89.6	89.9	89.9	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5
2 25	87.3	89.0	89.6	90.0	90.5	90.5	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2
2 10	87.7	89.3	89.9	90.4	91.0	91.1	91.3	91.3	91.4	91.6	91.7	91.7	91.7	91.8	91.8	91.8
2 5	88.1	90.5	91.2	91.7	92.3	92.4	92.6	92.6	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4
2 2	88.5	91.1	91.6	92.3	93.0	93.1	93.4	93.4	93.7	93.7	93.8	94.0	94.0	94.1	94.1	94.1
2 1	88.5	91.5	92.2	92.6	93.4	93.5	93.7	93.8	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5
2 0	88.5	91.6	92.6	93.4	94.1	94.1	94.4	94.4	95.1	95.1	95.4	95.6	95.6	96.0	96.1	96.4
2 0	88.5	91.6	92.6	93.4	94.1	94.1	94.4	94.4	95.1	95.1	95.4	95.6	95.6	96.1	96.3	96.8
2 0	88.6	91.7	92.7	93.6	94.4	94.4	95.2	95.4	95.7	95.8	96.1	96.3	96.7	97.0	97.4	98.1
2 0	88.6	91.7	92.7	93.6	94.4	94.4	95.2	95.4	95.7	95.8	96.1	96.3	96.8	97.3	98.1	99.2
2 0	88.6	91.7	92.7	93.6	94.4	94.4	95.2	95.4	95.7	95.8	96.1	96.3	96.8	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2106

CANNON AFB NM

70.73-81

FEI

STATION

STATION NAME

COORD

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

NOV 1963

CEILING (FEET)	VISIBILITY (MILES)															
	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0
2000	66.5	67.0	67.5	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
1800	72.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1600	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1400	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1200	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
1000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
800	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
600	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
400	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
200	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
100	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0

TOTAL NUMBER OF OBSERVATIONS

6525

CEILING VERSUS VISIBILITY

2. 4. 2.

UNCLAS FTS 40

68-75,73-07

100

015 025 035 045 055 065 075 085 095 105 115 125 135 145 155 165 175 185 195 205 215 225 235 245 255 265 275 285 295 305 315 325 335 345 355 365 375 385 395 405 415 425 435 445 455 465 475 485 495 505 515 525 535 545 555 565 575 585 595 605 615 625 635 645 655 665 675 685 695 705 715 725 735 745 755 765 775 785 795 805 815 825 835 845 855 865 875 885 895 905 915 925 935 945 955 965 975 985 995

444

1998

356-228

[illegible]TOTAL NUMBER OF OBSERVATIONS

614

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
AT WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

STATION: CANNON AFB TX

69-77,73-67

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-1807
HOURS (L.S.T.)

		ABSOLUTE STATISTICAL VALUES														
		27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
2	ETAC	62.0	64.0	66.0	68.0	70.0	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0
2	ETAC	64.0	66.0	68.0	70.0	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0
2	ETAC	66.0	68.0	70.0	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0
2	ETAC	68.0	70.0	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0
2	ETAC	70.0	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0
2	ETAC	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0
2	ETAC	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0	100.0
2	ETAC	76.0	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0	100.0	100.0
2	ETAC	78.0	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0	100.0	100.0	100.0
2	ETAC	80.0	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	82.0	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	84.0	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	86.0	88.0	90.0	92.0	94.0	96.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	88.0	90.0	92.0	94.0	96.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	90.0	92.0	94.0	96.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	92.0	94.0	96.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	94.0	96.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	96.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	ETAC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2008
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
0900-1100
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING ≥ 20000	62.6	65.2	65.9	66.0	66.2	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 18000 ≥ 16000	69.8	72.7	73.4	73.7	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000 ≥ 12000	70.4	73.3	74.1	74.3	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000 ≥ 9000	71.8	74.9	75.7	75.9	76.1	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000 ≥ 7000	74.4	77.5	78.3	78.5	78.7	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000 ≥ 5000	74.5	77.6	78.4	78.6	78.8	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500 ≥ 4000	75.9	79.0	79.8	80.0	80.2	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500 ≥ 3000	76.8	79.9	80.6	80.9	81.1	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500 ≥ 2000	77.5	80.6	81.4	81.8	82.0	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800 ≥ 1600	78.2	81.3	82.0	82.5	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1400 ≥ 1200	79.6	82.9	83.7	84.2	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000 ≥ 900	81.5	83.3	84.2	84.7	84.9	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800 ≥ 700	81.5	85.1	85.9	86.6	86.8	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600 ≥ 500	82.0	85.6	86.5	87.1	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 400 ≥ 300	82.6	86.2	87.1	87.7	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 200 ≥ 100	83.1	86.8	87.6	88.3	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 100 ≥ 0	83.6	87.6	88.5	89.1	89.7	89.7	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 0	84.6	89.1	90.1	90.8	91.4	91.4	91.5	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2
≥ 0	85.2	90.1	91.2	91.9	92.9	92.9	93.2	93.8	93.8	93.9	94.1	94.1	94.2	94.2	94.2	94.2
≥ 0	85.3	90.3	91.5	92.4	93.3	93.3	93.7	94.2	94.2	94.3	94.5	94.5	94.6	94.6	94.6	94.6
≥ 0	85.4	90.4	91.6	92.6	93.7	93.7	94.1	94.7	94.7	94.9	95.2	95.2	95.3	95.3	95.3	95.3
≥ 0	85.4	90.5	91.7	93.2	94.4	94.4	95.1	95.7	95.7	95.9	96.2	96.2	96.3	96.3	96.3	96.3
≥ 0	85.5	90.6	91.9	93.4	94.6	94.6	95.3	95.9	95.9	96.2	96.6	96.6	96.7	96.7	96.7	96.7
≥ 0	85.5	90.6	92.0	93.3	95.1	95.1	95.8	96.5	96.5	96.8	97.1	97.1	97.2	97.2	97.2	97.2
≥ 0	85.5	90.6	92.0	93.9	95.3	95.3	96.3	97.0	97.1	97.4	97.8	97.8	98.0	98.0	98.0	98.0
≥ 0	85.5	90.6	92.0	93.9	95.5	95.5	96.7	97.6	97.6	97.8	98.3	98.3	98.8	98.8	99.0	99.0
≥ 0	85.5	90.6	92.0	93.9	95.5	95.5	96.7	97.6	97.6	97.8	98.3	98.8	98.9	99.4	99.4	99.9
≥ 0	85.5	90.6	92.0	93.9	95.5	95.5	96.7	97.6	97.6	97.8	98.3	98.8	98.9	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20 05

CANNON AFB NM

69-70, 73-80

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.4	64.3	65.5	66.0	66.1	66.2	66.3	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	69.7	72.8	74.1	74.6	74.7	74.8	74.9	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	70.4	73.5	74.8	75.4	75.5	75.6	75.7	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	70.6	74.0	75.3	75.8	75.9	76.0	76.1	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	71.4	74.8	76.1	76.7	76.8	76.9	77.1	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	72.7	76.1	77.4	78.0	78.1	78.2	78.4	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	74.7	78.2	79.5	80.0	80.1	80.2	80.4	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	74.7	78.2	79.5	80.0	80.1	80.2	80.4	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	76.0	79.5	80.8	81.3	81.4	81.5	81.7	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	76.5	79.9	81.2	81.7	81.8	81.9	82.2	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	76.9	80.3	81.6	82.2	82.3	82.4	82.6	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	78.2	81.7	83.0	83.7	83.8	83.9	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	78.7	82.3	83.5	84.2	84.3	84.4	84.6	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	80.6	84.4	85.7	86.3	86.5	86.6	86.8	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	80.8	84.5	85.8	86.6	86.7	86.8	87.1	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	82.4	86.3	87.6	88.4	88.5	88.6	88.9	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	83.5	87.7	89.0	89.9	90.1	90.2	90.5	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	84.5	88.9	90.2	91.1	91.4	91.5	91.8	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	85.4	89.9	91.2	92.0	92.4	92.5	92.8	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	85.8	90.6	91.9	92.8	93.1	93.2	93.5	93.7	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	85.8	91.0	92.4	93.7	94.2	94.3	94.7	94.9	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	85.8	91.0	92.5	94.1	94.6	94.7	95.3	95.6	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	85.8	91.3	92.8	94.5	95.1	95.3	95.8	96.1	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	85.8	91.6	93.1	94.8	95.4	95.6	96.1	96.6	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	85.8	91.6	93.1	94.9	95.6	95.8	96.6	97.1	97.2	97.8	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	85.8	91.6	93.1	94.9	95.7	96.0	96.8	97.3	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	85.8	91.6	93.2	95.3	96.1	96.5	97.2	98.0	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	85.8	91.6	93.2	95.4	96.6	96.9	97.6	98.4	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	85.8	91.6	93.2	95.4	96.6	96.9	97.6	98.4	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	85.8	91.6	93.2	95.4	96.6	96.9	97.6	98.4	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	85.8	91.6	93.2	95.4	96.6	96.9	97.6	98.4	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	85.8	91.6	93.2	95.4	96.6	96.9	97.6	98.4	98.5	99.2	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2. 58

CANNON AFB NM

69-70,73-80

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	60.6	62.6	63.2	63.8	64.2	64.2	64.4	64.5	64.5	64.9	64.9	65.1	65.1	65.1	65.1	65.1
≥ 20000	69.7	71.1	71.7	72.3	72.7	72.7	72.9	73.0	73.0	73.4	73.4	73.5	73.5	73.5	73.5	73.5
≥ 18000	70.9	72.6	73.2	73.8	74.2	74.2	74.4	74.5	74.5	74.9	74.9	75.1	75.1	75.1	75.1	75.1
≥ 16000	70.8	72.8	73.4	74.0	74.4	74.4	74.6	74.7	74.7	75.2	75.2	75.3	75.3	75.3	75.3	75.3
≥ 14000	72.4	74.4	75.1	75.6	76.0	76.0	76.2	76.3	76.3	76.8	76.8	76.9	76.9	76.9	76.9	76.9
≥ 12000	73.7	76.0	76.7	77.2	77.6	77.6	77.8	78.0	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.5
≥ 10000	76.3	78.8	79.5	80.0	80.4	80.4	80.6	80.8	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3
≥ 9000	76.5	78.9	79.6	80.1	80.5	80.5	80.8	80.9	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4
≥ 8000	78.6	81.1	81.7	82.3	82.7	82.7	82.9	83.0	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5
≥ 7000	79.5	81.9	82.6	83.1	83.5	83.5	83.8	83.9	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4
≥ 6000	80.4	82.9	83.5	84.1	84.5	84.5	84.7	84.8	84.8	85.3	85.3	85.4	85.4	85.4	85.4	85.4
≥ 5000	81.8	84.7	85.6	86.3	86.8	86.8	87.0	87.1	87.1	87.5	87.5	87.6	87.6	87.6	87.6	87.6
≥ 4500	82.3	85.1	86.0	86.9	87.3	87.3	87.5	87.6	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 4000	83.9	86.8	87.8	88.7	89.1	89.1	89.4	89.6	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1
≥ 3500	84.7	87.6	88.9	89.8	90.4	90.4	90.8	91.0	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6
≥ 3000	85.9	88.8	90.1	91.0	91.6	91.6	91.9	92.2	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8
≥ 2500	86.7	90.0	91.3	92.2	92.8	92.8	93.2	93.4	93.5	94.0	94.0	94.1	94.2	94.2	94.2	94.2
≥ 2000	87.1	90.4	91.7	92.6	93.2	93.2	93.7	93.9	94.0	94.4	94.4	94.5	94.6	94.6	94.6	94.6
≥ 1500	87.5	91.0	92.3	93.2	93.9	94.1	94.5	94.7	94.8	95.3	95.3	95.4	95.5	95.5	95.5	95.5
≥ 1200	87.7	91.6	92.9	93.9	94.5	94.7	95.2	95.4	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1
≥ 1000	88.3	92.6	94.0	95.1	95.7	95.9	96.5	96.7	96.8	97.2	97.2	97.3	97.4	97.4	97.4	97.4
≥ 900	88.3	92.8	94.2	95.3	95.9	96.1	96.7	96.9	97.0	97.4	97.4	97.5	97.6	97.6	97.6	97.6
≥ 800	88.3	92.9	94.3	95.4	96.0	96.2	96.8	97.2	97.3	98.0	98.0	98.1	98.2	98.2	98.2	98.2
≥ 700	88.3	92.9	94.3	95.4	96.1	96.3	96.9	97.3	97.4	98.1	98.1	98.2	98.3	98.3	98.3	98.3
≥ 600	88.3	92.9	94.3	95.4	96.1	96.3	96.9	97.3	97.4	98.1	98.1	98.2	98.3	98.3	98.3	98.3
≥ 500	88.3	93.0	94.4	95.6	96.3	96.6	97.1	97.6	97.7	98.5	98.5	98.6	98.7	98.7	98.7	98.7
≥ 400	88.3	93.1	94.5	95.7	96.5	96.7	97.2	97.7	97.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0
≥ 300	88.3	93.1	94.5	95.7	96.5	96.7	97.2	97.7	97.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0
≥ 200	88.3	93.1	94.5	95.7	96.5	96.7	97.2	97.7	97.8	98.9	98.9	99.1	99.4	99.5	99.5	99.5
≥ 100	88.3	93.2	94.6	95.8	96.6	96.8	97.3	97.8	98.0	99.0	99.1	99.4	99.7	99.8	99.8	99.8
≥ 0	88.3	93.2	94.6	95.8	96.6	96.8	97.3	97.8	98.0	99.0	99.1	99.4	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2106

CANNON AFB NM

69-70,73-80

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	72.2	73.9	73.9	74.2	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 2000	77.2	78.9	78.9	79.2	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1800	78.4	80.1	80.1	80.4	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1600	78.6	80.3	80.3	80.6	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1400	78.8	80.5	80.5	80.9	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1200	80.2	81.9	81.9	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	82.7	84.4	84.4	84.7	84.7	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	82.9	84.6	84.6	84.9	84.9	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	85.2	86.9	86.9	87.4	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 700	85.5	87.2	87.2	87.6	87.6	87.6	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 600	86.6	88.3	88.3	88.9	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 500	88.1	90.1	90.1	90.9	90.9	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 450	88.7	90.2	90.2	91.0	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 400	88.7	91.2	91.2	91.9	91.9	91.9	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 350	88.8	91.4	91.4	92.3	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 300	89.6	92.2	92.3	93.0	93.0	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 250	89.6	92.3	92.4	93.1	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 200	89.9	92.8	92.9	93.7	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 1800	90.6	93.7	93.8	94.6	94.6	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1
≥ 1500	91.4	94.6	94.7	95.6	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 1200	91.4	94.6	94.7	95.6	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 1000	91.5	94.8	94.9	95.8	95.8	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 900	91.5	94.8	94.9	95.9	95.9	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5
≥ 800	91.5	95.2	95.4	96.3	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 700	91.5	95.2	95.4	96.3	96.3	96.5	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 600	91.7	95.4	95.6	96.6	96.6	96.7	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 500	91.9	95.6	95.8	96.9	96.9	97.0	97.2	97.4	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.1
≥ 400	92.0	95.7	95.9	97.1	97.2	97.3	97.5	97.7	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.6
≥ 300	92.0	95.8	96.0	97.2	97.3	97.4	97.6	98.0	98.2	98.5	98.7	98.7	98.8	98.8	98.8	99.1
≥ 200	92.0	95.8	96.0	97.2	97.3	97.4	97.6	98.2	98.4	98.7	98.9	99.0	99.2	99.4	99.4	99.8
≥ 100	92.0	95.8	96.0	97.2	97.3	97.4	97.6	98.2	98.4	98.7	98.9	99.0	99.2	99.5	99.5	99.9
≥ 0	92.0	95.8	96.0	97.2	97.3	97.4	97.6	98.2	98.4	98.7	98.9	99.0	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 06

CANNON AFB NM

69-70,73-80

MAZ

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21.0-23.0
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	76.9	77.6	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 20000	79.9	80.6	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	80.6	81.4	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 16000	80.6	81.4	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 14000	81.3	82.2	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 12000	82.6	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	84.4	85.3	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	84.5	85.4	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	85.7	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	86.3	86.9	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	86.8	87.6	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	88.1	89.0	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	88.2	89.1	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	88.8	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	89.1	90.2	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	89.6	90.8	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	89.7	91.2	91.6	91.7	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	90.1	91.6	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	90.1	91.6	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	90.8	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	91.5	93.3	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	92.0	94.0	94.4	94.7	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	92.2	94.1	94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	92.2	94.2	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	92.2	94.3	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	92.2	94.3	94.8	95.4	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	92.3	94.7	95.5	96.1	96.7	96.8	96.8	96.8	96.9	97.0	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	92.4	94.8	95.7	96.3	97.1	97.3	97.5	97.7	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	92.4	94.8	95.7	96.3	97.1	97.3	97.6	97.6	97.6	98.1	98.8	99.4	99.4	99.4	99.4	99.6
≥ 200	92.4	94.8	95.7	96.3	97.2	97.4	97.7	98.0	98.2	98.9	99.5	99.5	99.6	99.6	99.6	100.0
≥ 100	92.4	94.8	95.7	96.3	97.2	97.4	97.7	98.0	98.2	98.9	99.5	99.5	99.6	99.6	99.6	100.0
≥ 0	92.4	94.8	95.7	96.3	97.2	97.4	97.7	98.0	98.2	98.9	99.5	99.5	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 06

CANNON AFB NM

69-70,73-80

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.C.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO RECORD	67.6	69.6	70.1	70.4	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.6
≥ 2000	73.2	75.1	75.6	75.9	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.2
≥ 1800	73.9	75.8	76.3	76.6	76.7	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1600	74.0	76.0	76.5	76.7	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2
≥ 1400	74.7	76.6	77.2	77.4	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9
≥ 1200	75.9	78.1	78.5	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1000	78.0	80.1	80.7	80.9	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 800	78.2	80.3	80.8	81.1	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 600	79.7	81.8	82.3	82.6	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 400	80.0	82.2	82.7	83.0	83.2	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 200	80.8	82.9	83.5	83.8	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 100	81.8	84.1	84.7	85.0	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6
≥ 50	82.1	84.4	85.0	85.4	85.6	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 25	83.3	85.7	86.3	86.7	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3
≥ 10	83.6	86.0	86.7	87.2	87.3	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 5	84.5	87.1	87.6	88.3	88.5	88.5	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2	85.2	87.9	88.6	89.1	89.3	89.3	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1	85.7	88.6	89.3	89.8	90.1	90.1	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 1/2	86.1	89.0	89.8	90.3	90.5	90.6	90.7	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 1/4	86.7	89.8	90.6	91.1	91.4	91.4	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 1/8	87.2	90.6	91.3	91.9	92.3	92.3	92.5	92.7	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0
≥ 1/16	87.7	91.3	92.2	92.9	93.3	93.4	93.6	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.3
≥ 1/32	87.8	91.6	92.4	93.2	93.6	93.7	94.0	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1/64	87.9	91.8	92.7	93.5	93.9	94.0	94.3	94.6	94.6	94.9	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1/128	87.9	91.9	92.8	93.7	94.3	94.4	94.7	95.1	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.7
≥ 1/256	88.0	92.0	92.9	93.9	94.4	94.6	94.8	95.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.9
≥ 1/512	88.1	92.2	93.2	94.3	95.0	95.2	95.5	96.0	96.1	96.6	96.8	96.8	96.8	96.9	96.9	96.9
≥ 1/1024	88.1	92.4	93.5	94.6	95.5	95.7	96.2	96.8	97.0	97.6	97.8	97.8	97.9	97.9	97.9	98.0
≥ 1/2048	88.1	92.4	93.5	94.7	95.6	95.8	96.4	97.2	97.4	98.2	98.6	98.6	99.0	99.1	99.1	99.3
≥ 1/4096	88.1	92.4	93.5	94.7	95.6	95.9	96.4	97.2	97.5	98.2	98.6	98.7	99.2	99.2	99.5	99.8
≥ 1/8192	88.1	92.4	93.5	94.7	95.6	95.9	96.4	97.2	97.5	98.2	98.6	98.7	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

7177

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.76

CANNON AFB NM

69-70,73-80

APD

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.G.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.2	≥ 1.4	≥ 1.6	≥ 1.8	≥ 2.0
NO CEILING ≥ 20000	76.9	78.3	78.5	78.6	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.5
≥ 18000 ≥ 15000	81.2	82.7	82.9	83.2	83.6	83.6	83.8	83.8	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.2
≥ 14000 ≥ 12000	81.4	82.9	83.2	83.4	83.8	83.8	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.5
≥ 10000 ≥ 9000	84.2	86.2	86.3	86.6	87.0	87.0	87.2	87.2	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 8000 ≥ 7000	84.9	87.0	87.2	87.5	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.4	88.4	88.4	88.5
≥ 6000 ≥ 5000	85.3	87.4	87.7	88.0	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.9	88.9	88.9	89.1
≥ 4500 ≥ 4000	86.1	88.7	89.1	89.4	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.3	90.3	90.3	90.4
≥ 3500 ≥ 3000	87.6	90.3	90.6	90.9	91.3	91.3	91.5	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 2500 ≥ 2000	88.7	91.6	91.9	92.2	92.5	92.5	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.2
≥ 1800 ≥ 1500	88.9	91.4	91.6	92.3	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.3
≥ 1200 ≥ 1000	89.9	93.0	93.6	94.1	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.1
≥ 900 ≥ 800	90.1	93.3	93.8	94.3	94.7	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.7
≥ 700 ≥ 600	90.6	93.8	94.3	94.8	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.9
≥ 500 ≥ 400	91.2	94.6	95.1	95.6	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.6
≥ 300 ≥ 200	91.7	95.2	95.8	96.3	96.7	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.5
≥ 100 ≥ 0	92.1	95.6	96.2	96.7	97.1	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.9
	92.2	95.7	96.3	97.0	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.9	97.9	97.9	98.1
	92.3	95.8	96.5	97.1	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.4
	92.3	95.8	96.5	97.1	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.4
	92.4	96.1	97.0	97.7	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.2
	92.4	96.2	97.2	98.0	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.5
	92.4	96.2	97.2	98.0	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.7
	92.4	96.2	97.2	98.0	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	100.0
	92.4	96.2	97.2	98.0	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2108

CANNON AFB NM

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 10000	74.3	75.6	76.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.3
≥ 9000	77.9	79.6	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.2	81.3
≥ 8000	78.2	79.9	80.4	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.6
≥ 7000	78.2	79.9	80.4	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.6
≥ 6000	78.4	80.1	80.6	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.7	81.8
≥ 5000	78.7	80.4	80.9	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.1	82.2
≥ 4000	80.0	81.7	82.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.4	83.5
≥ 3000	80.0	81.7	82.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.4	83.5
≥ 2000	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 1000	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 800	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 600	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 400	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 300	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 200	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 100	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 0	80.4	82.2	82.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 10000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 9000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 8000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 7000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 6000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 5000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 4000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 3000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 2000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 1000	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 800	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 600	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 400	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 300	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 200	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 100	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7
≥ 0	81.6	83.6	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.7

TOTAL NUMBER OF OBSERVATIONS 77

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 08

CANNON AFB NM

69-70, 73-80

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1800
hours (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	20	24	25	24	21	22 1/2	22	21 1/2	21 1/4	21	20	20	20	20	20	20
NO CEILING	64.4	66.1	66.4	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3
≥ 2000	71.1	73.6	73.9	74.2	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.9
≥ 1800	71.1	74.1	74.4	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.4
≥ 1600	71.1	74.1	74.4	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.4
≥ 1400	72.4	74.9	75.2	75.4	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2
≥ 1200	73.7	76.2	76.4	76.6	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4
≥ 1000	77.2	79.7	80.0	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.0
≥ 900	77.4	79.9	80.2	80.4	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2
≥ 800	79.1	81.6	82.1	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.1
≥ 700	79.6	82.2	82.6	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.5
≥ 600	80.2	82.9	83.2	83.4	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.2
≥ 500	80.3	83.1	83.4	83.6	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.5
≥ 450	80.7	83.6	83.9	84.2	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.0
≥ 400	81.1	83.9	84.2	84.4	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4
≥ 350	81.6	84.4	84.6	85.1	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.0
≥ 300	82.3	85.2	85.6	85.9	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.8
≥ 250	82.9	85.9	86.3	86.7	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.7
≥ 200	83.2	86.2	86.7	87.0	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	88.0
≥ 180	83.6	86.6	87.0	87.3	87.9	88.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3
≥ 160	84.9	88.1	88.7	89.1	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.1
≥ 140	85.4	89.3	90.0	90.4	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.7
≥ 120	86.9	90.9	91.9	92.4	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.7
≥ 100	87.0	91.0	92.0	92.6	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8
≥ 80	87.2	91.2	92.4	93.0	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.3
≥ 70	87.4	91.6	93.0	93.6	94.4	94.6	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.3
≥ 60	87.9	92.2	93.7	94.3	95.3	95.4	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.3
≥ 50	88.1	92.6	94.0	94.6	96.1	96.3	96.7	96.8	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.4
≥ 40	88.1	92.6	94.1	94.9	96.2	96.4	97.1	97.2	97.3	97.6	97.7	97.7	97.7	97.9	98.0	98.1
≥ 30	88.1	92.6	94.2	95.0	96.4	96.7	97.3	97.4	97.6	97.9	98.0	98.0	98.0	98.3	98.6	98.9
≥ 20	88.1	92.6	94.2	95.0	96.4	96.7	97.3	97.4	97.6	97.9	98.0	98.0	98.0	98.4	98.7	99.1
≥ 10	88.1	92.6	94.2	95.0	96.4	96.7	97.3	97.4	97.6	97.9	98.1	98.1	98.1	98.6	98.8	99.1
≥ 0	88.1	92.6	94.2	95.0	96.4	96.7	97.3	97.4	97.6	97.9	98.1	98.1	98.1	98.6	98.8	99.1

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 03

CANNON AFB NM

69-70,73-87

APC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO CEILING	68.4	69.4	69.8	69.8	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	78.2	79.3	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	78.7	79.9	80.2	80.2	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	79.3	80.2	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	79.6	80.6	81.1	81.1	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	80.6	82.1	82.4	82.4	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	82.0	83.3	83.7	83.7	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1000	82.3	83.4	83.8	83.8	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 800	83.6	84.9	85.2	85.2	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 700	84.2	85.6	85.9	85.9	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 600	85.7	86.3	86.7	86.7	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 500	85.4	86.9	87.2	87.2	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 400	85.4	86.9	87.2	87.2	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 300	85.6	87.0	87.3	87.3	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 200	86.4	88.0	88.3	88.3	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 100	87.7	89.4	89.8	89.8	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 70	88.2	90.1	90.6	90.6	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 60	88.6	90.6	91.0	91.0	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 50	88.4	91.0	91.4	91.4	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 40	90.4	93.0	93.4	93.4	94.0	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 30	91.3	94.3	94.8	94.8	95.4	95.4	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 20	91.6	95.3	95.4	95.4	96.1	96.1	96.3	96.3	96.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1
≥ 10	92.0	95.2	95.7	95.8	96.4	96.4	96.6	96.6	97.1	97.2	97.2	97.2	97.6	97.6	97.6	97.6
≥ 5	92.1	95.4	95.9	96.0	96.7	96.8	97.1	97.1	97.4	97.6	97.6	97.6	97.9	97.9	97.9	97.9
≥ 3	92.1	95.4	95.9	96.0	96.8	96.9	97.2	97.2	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 2	92.1	95.6	96.1	96.3	97.2	97.3	97.7	97.7	98.0	98.1	98.1	98.1	98.4	98.4	98.4	98.4
≥ 1	92.1	95.7	96.3	96.6	97.9	98.0	98.6	98.7	99.0	99.2	99.2	99.2	99.6	99.6	99.6	99.9
≥ 0	92.1	95.7	96.3	96.6	97.9	98.0	98.7	98.8	99.1	99.3	99.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

21 DE

CANNON AFB NM

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	2 1/2	2 3/4	2 5/8	2 7/8	3	3 1/8	3 1/4	3 3/8	3 1/2	3 5/8	3 3/4	3 7/8	4	4 1/8	4 1/4	4 3/8
NO CEILING	63.3	65.3	65.8	65.9	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000	73.4	76.1	76.7	77.1	77.1	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	74.1	77.1	77.7	78.0	78.1	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	74.4	77.4	78.0	78.3	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	74.6	77.6	78.3	78.7	78.8	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	76.0	79.0	79.6	79.9	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2000	78.2	81.2	81.8	82.1	82.2	82.4	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1
≥ 1000	78.2	81.2	81.8	82.1	82.2	82.4	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1
≥ 800	79.3	82.4	83.0	83.3	83.4	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.3	84.3
≥ 700	79.9	83.0	83.6	83.9	84.0	84.2	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.9	84.9
≥ 600	80.3	83.4	84.0	84.3	84.4	84.7	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.4	85.4
≥ 500	81.6	85.0	85.6	85.9	86.0	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	87.0	87.0
≥ 400	82.0	85.4	86.0	86.3	86.4	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.4	87.4
≥ 300	84.9	88.9	89.4	90.1	90.2	90.4	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.2	91.2
≥ 200	86.2	90.4	91.0	91.7	91.8	92.0	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.8	92.8
≥ 100	88.2	92.6	93.3	94.2	94.3	94.6	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.3	95.4
≥ 700	88.7	93.3	93.9	94.8	94.9	95.1	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.9	96.0
≥ 600	89.2	93.9	94.4	95.3	95.4	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.4	96.6
≥ 500	89.2	94.0	94.6	95.4	95.6	95.8	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.6	96.7
≥ 400	89.6	94.7	95.2	96.2	96.3	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.4	97.6
≥ 300	89.9	95.1	95.7	96.8	96.9	97.1	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.2	98.3
≥ 200	90.3	95.6	96.3	97.4	97.6	97.8	98.1	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.9	99.0
≥ 100	90.4	95.9	96.4	97.6	97.7	97.9	98.2	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.0	99.1
≥ 700	90.4	95.9	96.4	97.6	97.7	97.9	98.2	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.0	99.1
≥ 600	90.4	96.1	96.7	97.8	97.9	98.1	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.2	99.3
≥ 500	90.4	96.1	96.7	97.8	97.9	98.1	98.4	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.6	99.7
≥ 400	90.4	96.1	96.7	97.8	97.9	98.1	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.8	99.9
≥ 300	90.4	96.1	96.7	97.8	97.9	98.1	98.4	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.8	99.9
≥ 200	90.4	96.2	96.8	97.9	98.0	98.2	98.6	98.9	99.0	99.6	99.6	99.6	99.6	99.6	99.9	100.0
≥ 100	90.4	96.2	96.8	97.9	98.0	98.2	98.6	98.9	99.0	99.6	99.6	99.6	99.6	99.6	99.9	100.0
≥ 0	90.4	96.2	96.8	97.9	98.0	98.2	98.6	98.9	99.0	99.6	99.6	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2106

CANNON AFB NM

69-70,73-80

AFB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1930-1970
HOURS (L.O.V.)

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
21000	58.9	61.1	61.4	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
20000	71.9	75.3	75.6	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
21800	72.4	76.0	76.6	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
21600	72.4	76.0	76.6	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
21400	73.1	76.7	77.2	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
21200	74.9	78.4	79.1	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
21000	76.9	80.6	81.1	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
20800	76.9	80.6	81.1	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
20600	78.2	81.9	82.4	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
20400	78.9	82.6	83.1	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
20200	81.1	83.9	84.4	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
20000	81.1	83.9	84.4	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
21800	82.3	86.8	87.3	88.1	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
21600	85.4	90.2	90.6	92.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
21400	86.9	91.7	92.2	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
21200	88.7	93.9	94.4	95.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
21000	88.8	94.0	94.6	95.9	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
20800	89.1	94.3	94.9	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
20600	89.2	94.4	95.0	96.3	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
20400	89.3	94.6	95.2	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
20200	89.4	94.7	95.4	96.8	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
20000	89.6	94.9	95.7	97.0	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
21800	89.6	94.9	95.7	97.0	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
21600	89.6	94.9	95.7	97.0	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
21400	89.6	95.0	95.8	97.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
21200	89.7	95.1	96.4	97.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
21000	89.7	95.1	96.4	97.6	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
20800	89.7	95.1	96.4	97.6	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
20600	89.7	95.1	96.4	97.6	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
20400	89.7	95.1	96.4	97.6	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
20200	89.7	95.1	96.4	97.6	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
20000	89.7	95.1	96.4	97.6	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 WEATHER SERVICE/AFAC

CEILING VERSUS

STATION CANNON AFB NM

69-70, 73-74

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	DISTANCE IN STATUTE MILES												
	20	24	28	32	36	40	44	48	52	56	60	64	68
20000	69.6	69.6	69.6	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
18000	79.4	79.9	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
16000	79.9	80.5	80.7	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
14000	80.2	80.7	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
12000	80.9	81.5	81.7	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
10000	82.5	83.1	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
8000	84.6	85.2	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
6000	86.1	86.6	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
4000	86.6	87.2	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
2000	87.3	88.1	88.3	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1000	89.3	90.5	90.7	91.1	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
800	89.9	90.7	91.0	91.3	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
600	91.1	92.4	92.6	93.4	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
400	91.6	93.1	93.4	94.1	94.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9
200	92.3	94.5	94.9	95.5	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3
100	92.9	94.8	95.1	95.8	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
0	93.1	95.0	95.3	96.0	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9
20000	93.1	95.0	95.3	96.0	96.3	96.3	96.9	96.9	97.0	97.0	97.0	97.0	97.0
18000	93.5	95.8	96.1	96.8	97.1	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8
16000	93.5	95.8	96.1	96.8	97.1	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8
14000	93.6	95.9	96.2	96.9	97.2	97.2	97.8	97.8	97.9	97.9	97.9	97.9	97.9
12000	93.6	95.9	96.2	96.9	97.2	97.2	97.8	97.8	97.9	97.9	97.9	97.9	97.9
10000	93.6	96.0	96.3	97.0	97.3	97.3	97.9	97.9	98.0	98.0	98.0	98.0	98.0
8000	93.6	96.0	96.3	97.0	97.3	97.3	97.9	97.9	98.0	98.0	98.0	98.0	98.0
6000	93.6	96.2	96.5	97.2	97.5	97.5	98.1	98.1	98.2	98.2	98.2	98.2	98.2
4000	93.6	96.2	96.5	97.2	97.5	97.5	98.1	98.1	98.2	98.2	98.2	98.2	98.2
2000	93.6	96.3	96.6	97.3	97.6	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.4
1000	93.6	96.3	96.6	97.3	97.6	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.4
800	93.6	96.5	96.8	97.4	97.7	97.7	98.4	98.4	98.5	98.5	98.5	98.5	98.5
600	93.6	96.5	96.8	97.4	97.7	97.7	98.4	98.4	98.5	98.5	98.5	98.5	98.5
400	93.6	96.6	96.9	97.5	97.8	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6
200	93.6	96.6	96.9	97.5	97.8	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6
100	93.6	96.6	96.9	97.5	97.8	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6
0	93.6	96.6	96.9	97.5	97.8	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

METEOROLOGICAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS

STATION

CANNON AFB NM

69-70,73-20

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		USBLT STATUTE MILES											
		20	20	20	20	20	20	20	20	20	20	20	20
1000	1000	77.7	78.8	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6
	1000	82.0	83.7	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5
2000	2000	82.0	83.9	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7
	2000	82.0	83.9	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7
3000	3000	82.9	84.1	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8
	3000	84.1	85.2	85.5	85.6	85.7	85.7	85.8	85.8	85.8	86.0	86.0	86.0
4000	4000	86.3	87.4	87.7	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2
	4000	86.4	87.5	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3
5000	5000	87.8	89.1	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.9	89.9	89.9
	5000	88.2	89.4	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2
6000	6000	88.9	90.1	91.4	90.5	90.6	90.6	90.7	90.7	90.7	90.9	90.9	90.9
	6000	90.0	91.2	91.6	91.6	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2
7000	7000	90.1	91.2	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4
	7000	91.3	93.1	93.5	94.0	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4
8000	8000	91.4	93.3	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6
	8000	92.0	93.6	94.4	94.6	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2
9000	9000	92.1	93.8	94.9	94.9	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3
	9000	92.2	93.9	94.6	95.0	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4
10000	10000	92.2	93.9	94.6	95.0	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4
	10000	92.5	94.5	95.4	95.6	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2
11000	11000	92.5	94.5	95.4	95.6	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4
	11000	92.5	94.5	95.4	95.6	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4
12000	12000	92.6	94.6	95.7	96.1	96.3	96.3	96.5	96.5	96.5	96.7	96.7	96.7
	12000	93.1	95.3	96.2	96.7	96.9	96.9	97.2	97.2	97.2	97.3	97.3	97.3
13000	13000	93.1	95.3	96.4	97.2	97.4	97.5	98.0	98.0	98.0	98.1	98.1	98.1
	13000	93.3	96.1	97.0	97.6	98.1	98.2	98.7	98.7	98.7	98.8	98.8	98.8
14000	14000	93.3	96.3	97.2	98.0	98.1	98.4	98.9	98.9	98.9	99.0	99.0	99.0
	14000	93.4	96.5	97.4	98.2	98.6	98.7	99.1	99.1	99.1	99.2	99.2	99.2
15000	15000	93.4	96.7	97.5	98.3	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4
	15000	93.4	96.7	97.5	98.3	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4
16000	16000	93.4	96.7	97.5	98.3	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4
	16000	93.4	96.7	97.5	98.3	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4

TOTAL NUMBER OF OBSERV

AD-A110 041 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/0 4/2
CANNON AFB, CLOVIS, NEW MEXICO REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
SEP 81

UNCLASSIFIED USAFETAC/DS-81/083

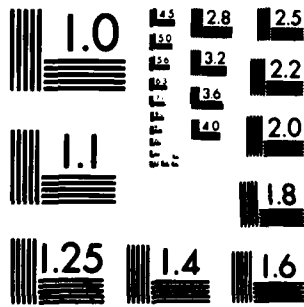
SBI-AD-E850 111

NL

3. f

 $\frac{1}{2} \times 10^{-2}$

1004



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23:08

CANNON AFB NM

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.9	70.3	70.7	70.9	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 20000	76.9	78.7	79.1	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	80.0
IV 18000	77.3	79.2	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.5
IV 16000	77.4	79.3	79.7	80.0	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6
IV 14000	77.9	79.8	80.2	80.5	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.1
IV 12000	79.1	81.0	81.4	81.7	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3
IV 10000	81.2	83.1	83.5	83.8	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.5
IV 9000	81.2	83.2	83.6	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.6
IV 8000	82.4	84.5	84.9	85.2	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9
IV 7000	82.8	84.9	85.3	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.3
IV 6000	83.5	85.6	86.0	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	87.0
IV 5000	84.5	86.8	87.3	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.5
IV 4500	84.8	87.2	87.6	88.0	88.3	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8
IV 4000	86.2	88.8	89.2	89.8	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.6
IV 3500	87.0	89.6	90.1	90.6	90.9	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4
IV 3000	88.1	91.0	91.5	92.1	92.4	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	93.0
IV 2500	88.4	91.3	91.9	92.5	92.8	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.4
IV 2000	88.9	91.9	92.5	93.1	93.4	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	94.0
IV 1800	89.0	92.0	92.6	93.2	93.6	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.2
IV 1500	89.7	93.0	93.5	94.2	94.6	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.2
IV 1200	90.1	93.5	94.1	94.8	95.2	95.3	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.9
IV 1000	90.5	94.1	94.8	95.5	96.0	96.0	96.3	96.3	96.4	96.5	96.5	96.5	96.6	96.6	96.7	96.8
IV 900	90.7	94.4	95.1	95.8	96.2	96.3	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9	97.1
IV 800	90.8	94.6	95.3	96.0	96.5	96.6	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.4
IV 700	90.9	94.8	95.5	96.3	96.8	96.8	97.2	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.7	97.8
IV 600	91.1	95.1	95.9	96.8	97.3	97.4	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.2	98.3
IV 500	91.1	95.3	96.2	97.1	97.7	97.8	98.1	98.2	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.9
IV 400	91.2	95.4	96.3	97.2	97.9	98.0	98.4	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.1	99.3
IV 300	91.2	95.4	96.3	97.3	98.0	98.1	98.5	98.7	98.8	99.1	99.1	99.1	99.2	99.3	99.4	99.6
IV 200	91.2	95.5	96.4	97.3	98.0	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.3	99.4	99.4	99.7
IV 100	91.2	95.5	96.4	97.3	98.0	98.1	98.6	98.7	98.8	99.1	99.2	99.2	99.4	99.5	99.5	99.9
IV 0	91.2	95.5	96.4	97.3	98.0	98.1	98.6	98.7	98.8	99.1	99.2	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

6955

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27008

CANNON AFB NM

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	74.2	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1
≥ 20000	78.9	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 18000	79.0	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
IV 16000	79.0	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
IV 14000	79.4	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3
IV 12000	80.6	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
IV 10000	82.5	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4
IV 9000	82.9	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
IV 8000	84.4	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
IV 7000	84.6	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5
IV 6000	84.9	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9
IV 5000	86.8	87.6	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
IV 4500	87.2	88.1	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
IV 4000	87.8	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3
IV 3500	88.0	88.8	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6
IV 3000	89.6	90.6	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
IV 2500	90.0	90.9	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
IV 2000	90.4	91.4	91.7	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
IV 1800	91.2	92.3	92.6	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
IV 1500	92.1	93.3	93.5	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2
IV 1200	92.4	93.7	93.9	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5
IV 1000	93.2	94.4	94.7	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
IV 900	93.4	94.7	94.9	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
IV 800	93.5	94.8	95.0	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7
IV 700	93.7	95.3	95.9	96.0	96.5	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
IV 600	94.3	96.2	96.7	96.8	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8
IV 500	94.4	96.3	96.8	96.9	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV 400	94.8	96.9	97.4	97.6	98.1	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 300	94.8	96.9	97.4	97.6	98.1	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4
IV 200	94.8	97.0	97.5	97.8	98.4	98.4	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9
IV 100	94.8	97.0	97.5	97.8	98.4	98.4	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	94.8	97.0	97.5	97.8	98.4	98.4	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

806

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22.08

CANNON AFB NM

69-70, 74-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.4	69.8	70.5	70.8	70.8	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.4	71.4	71.5
≥ 20000	72.3	73.7	74.3	74.7	74.7	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.4
≥ 18000	72.3	73.7	74.3	74.7	74.7	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.4
≥ 16000	72.3	73.7	74.3	74.7	74.7	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.4
≥ 14000	72.6	74.1	74.7	75.1	75.1	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7
≥ 12000	73.5	75.0	75.6	76.0	76.0	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.6
≥ 10000	76.0	77.4	78.1	78.5	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.1
≥ 9000	76.0	77.4	78.1	78.5	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.1
≥ 8000	77.6	79.2	79.9	80.3	80.3	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.9
≥ 7000	77.9	79.4	80.0	80.4	80.4	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.0
≥ 6000	78.3	79.7	80.4	80.8	80.8	80.9	80.9	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4
≥ 5000	79.7	81.4	82.1	82.5	82.5	82.6	82.6	82.7	82.8	82.8	82.8	82.8	83.0	83.0	83.1	83.1
≥ 4500	80.5	82.2	82.8	83.2	83.2	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.9	83.9
≥ 4000	81.3	83.1	83.7	84.1	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.8
≥ 3500	81.6	83.6	84.3	84.6	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.2	85.2	85.3	85.3
≥ 3000	83.0	84.9	85.7	86.1	86.1	86.2	86.2	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.7	86.7
≥ 2500	83.5	85.4	86.2	86.6	86.6	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.2	87.2
≥ 2000	84.0	86.1	87.0	87.4	87.4	87.5	87.6	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.1	88.1
≥ 1800	84.3	86.3	87.2	87.6	87.6	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.3	88.3	88.4	88.4
≥ 1500	85.5	87.9	88.8	89.2	89.2	89.3	89.4	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.9	89.9
≥ 1200	86.6	89.0	89.9	90.3	90.3	90.5	90.6	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.1	91.1
≥ 1000	87.9	90.7	91.6	92.0	92.0	92.1	92.3	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.8	92.8
≥ 900	88.3	91.1	92.0	92.4	92.4	92.5	92.6	92.9	93.0	93.0	93.0	93.0	93.2	93.2	93.3	93.3
≥ 800	88.6	91.9	93.0	93.4	93.5	93.7	93.8	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.5	94.5
≥ 700	88.9	92.4	93.5	93.9	94.2	94.3	94.5	94.8	95.0	95.0	95.0	95.0	95.1	95.1	95.2	95.2
≥ 600	89.6	93.5	94.7	95.1	95.5	95.6	95.7	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.5	96.5
≥ 500	90.3	94.1	95.2	95.9	96.6	96.8	97.2	97.5	97.8	97.8	97.8	97.8	97.9	97.9	98.1	98.1
≥ 400	90.5	94.3	95.6	96.3	97.4	97.5	98.1	98.5	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 300	90.5	94.3	95.6	96.3	97.4	97.7	98.2	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 200	90.5	94.3	95.6	96.3	97.4	97.7	98.2	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 100	90.5	94.3	95.6	96.3	97.4	97.7	98.2	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 0	90.5	94.3	95.6	96.3	97.4	97.7	98.2	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 775

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23-08

CANNON AFB NM

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	64.5	66.3	66.5	66.7	66.8	66.8	67.0	67.0	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.4
≥ 20000	71.2	73.2	73.4	73.6	73.7	73.7	73.8	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.4
≥ 18000	71.7	73.7	74.0	74.2	74.3	74.3	74.4	74.4	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.9
IV 16000	71.8	73.8	74.1	74.3	74.4	74.4	74.5	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	75.0
≥ 14000	72.0	74.1	74.4	74.6	74.7	74.8	74.9	74.9	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.5
IV 12000	74.1	76.1	76.4	76.6	76.7	76.9	77.0	77.0	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.5
IV 10000	76.6	78.8	79.1	79.3	79.5	79.7	79.8	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.3
IV 9000	76.6	78.8	79.1	79.3	79.5	79.7	79.8	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.3
IV 8000	78.0	80.2	80.5	80.7	80.9	81.1	81.2	81.2	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.7
IV 7000	78.7	80.9	81.3	81.5	81.7	81.8	81.9	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.5
IV 6000	79.2	81.6	81.9	82.1	82.3	82.5	82.6	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.1
IV 5000	80.3	82.8	83.1	83.3	83.5	83.6	83.7	83.7	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.3
IV 4500	80.5	83.0	83.3	83.5	83.7	83.9	84.0	84.0	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.5
IV 4000	81.3	83.7	84.1	84.3	84.5	84.6	84.7	84.7	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.3
IV 3500	81.5	84.0	84.3	84.5	84.7	84.8	84.9	84.9	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.5
IV 3000	82.0	84.5	84.9	85.1	85.4	85.5	85.6	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.1
IV 2500	82.3	84.8	85.3	85.5	85.9	86.0	86.1	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.7
IV 2000	82.6	85.0	85.7	86.0	86.4	86.5	86.7	86.7	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.2
IV 1800	83.2	85.7	86.3	86.7	87.1	87.2	87.3	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.8
IV 1500	84.8	87.4	88.1	88.6	89.0	89.1	89.2	89.2	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.8
IV 1200	86.2	89.1	90.0	90.6	91.1	91.2	91.3	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.9
IV 1000	87.9	91.0	92.0	92.6	93.3	93.5	93.6	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.3
IV 900	88.3	91.4	92.5	93.3	93.9	94.1	94.2	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.9
IV 800	88.6	92.0	93.1	94.2	94.8	95.0	95.2	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	96.0
IV 700	89.0	92.5	93.8	95.2	95.9	96.1	96.2	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.1
IV 600	89.3	93.0	94.5	95.9	96.8	97.0	97.1	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	98.0
IV 500	89.5	93.1	94.6	96.7	97.5	97.7	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.7
IV 400	89.6	93.2	94.8	97.1	98.0	98.3	98.6	98.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.8
IV 300	89.6	93.2	94.8	97.1	98.0	98.4	98.7	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 200	89.6	93.2	94.8	97.1	98.0	98.4	98.7	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 100	89.6	93.2	94.8	97.1	98.0	98.4	98.7	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 0	89.6	93.2	94.8	97.1	98.0	98.4	98.7	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING	77.4	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	76.9	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	77.5	78.3	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	77.5	78.3	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	78.5	79.2	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000	79.8	80.5	80.5	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	81.9	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	81.9	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	82.5	83.3	83.3	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	82.9	83.8	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	83.0	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	84.0	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	84.1	85.3	85.3	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	86.3	87.6	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	87.2	88.5	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	90.0	91.6	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	91.0	93.0	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	91.7	94.0	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	92.4	94.6	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	93.1	95.4	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	93.8	96.3	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	93.9	96.7	96.9	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	94.0	97.0	97.3	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	94.1	97.5	98.0	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	94.2	97.6	98.1	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 600	94.3	97.7	98.3	98.6	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 500	94.3	97.8	98.4	98.7	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	94.4	98.0	98.5	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	94.4	98.0	98.5	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	94.4	98.0	98.5	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	94.4	98.0	98.5	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	94.4	98.0	98.5	98.8	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.08

CANNON AFB NM

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	76.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 18000	76.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	76.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	77.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	81.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	81.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	82.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	85.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	94.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	95.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	96.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	96.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 08

CANNON AFB NM

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	77.8	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	78.1	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 16000	78.1	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 14000	78.7	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 12000	80.2	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
IV 10000	82.7	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8
IV 9000	82.7	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8
IV 8000	83.1	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5
IV 7000	83.7	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1
IV 6000	84.4	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 5000	87.6	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
IV 4500	88.7	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	92.3	93.3	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
IV 3500	93.0	94.1	94.6	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IV 3000	94.8	96.1	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 2500	94.9	96.2	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000	95.4	96.7	97.2	97.5	97.5	97.6	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	95.4	96.7	97.2	97.5	97.5	97.6	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	95.6	96.9	97.4	97.7	97.7	97.8	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 1200	95.9	97.3	98.0	98.4	98.4	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	95.9	97.4	98.1	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	95.9	97.5	98.2	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	95.9	97.5	98.2	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	95.9	97.5	98.2	98.8	98.9	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	95.9	97.5	98.2	98.8	98.9	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	95.9	97.5	98.2	98.8	98.9	99.0	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	95.9	97.5	98.2	98.8	98.9	99.0	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	95.9	97.5	98.2	98.8	98.9	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	95.9	97.5	98.2	98.8	98.9	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.9	97.5	98.2	98.8	98.9	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.9	97.5	98.2	98.8	98.9	99.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23006

CANNON AFB NM

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.0	69.7	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 20000	79.0	79.7	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	79.5	80.1	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	79.9	80.1	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	80.0	80.6	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 12000	82.2	82.6	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4
≥ 10000	84.5	85.5	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 9000	84.5	85.5	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 8000	86.1	87.1	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 7000	86.1	87.1	87.4	87.6	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 6000	87.1	88.1	88.4	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
≥ 5000	88.9	90.2	90.6	91.1	91.2	91.2	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7
≥ 4500	89.5	91.3	91.7	92.2	92.3	92.3	92.5	92.5	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8
≥ 4000	91.6	94.0	94.5	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9
≥ 3500	92.2	94.5	95.1	95.7	95.9	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.5	96.5	96.5
≥ 3000	93.1	95.5	96.0	96.8	97.0	97.0	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5
≥ 2500	93.5	95.9	96.5	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.8	97.8	97.8	98.0	98.0	98.0
≥ 2000	93.6	96.2	96.8	97.5	97.7	97.7	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3
≥ 1800	93.6	96.2	96.8	97.5	97.7	97.7	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3
≥ 1500	93.6	96.5	97.0	97.7	98.0	98.0	98.3	98.3	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7
≥ 1200	94.2	96.9	97.5	98.3	98.5	98.5	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 1000	94.2	97.0	97.6	98.4	98.6	98.6	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4
≥ 900	94.2	97.0	97.6	98.4	98.6	98.6	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4
≥ 800	94.2	97.0	97.6	98.4	98.6	98.6	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4
≥ 700	94.4	97.2	97.8	98.6	98.8	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 600	94.4	97.2	97.8	98.6	98.8	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 500	94.4	97.3	98.0	98.7	99.0	99.0	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	94.4	97.3	98.0	98.7	99.0	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	94.4	97.3	98.0	98.7	99.0	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	94.4	97.3	98.0	98.7	99.0	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	94.4	97.3	98.0	98.7	99.0	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	94.4	97.3	98.0	98.7	99.0	99.0	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	76.0	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥ 20000	80.4	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.2
IV 18000	80.4	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.2
IV 16000	80.4	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.2
IV 14000	80.6	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4
IV 12000	81.9	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7
IV 10000	84.4	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
IV 9000	84.4	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
IV 8000	85.7	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5
IV 7000	86.0	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
IV 6000	86.5	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
IV 5000	88.3	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.8
IV 4500	88.7	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6
IV 4000	90.6	93.0	93.1	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9
IV 3500	91.4	93.7	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5
IV 3000	92.9	95.3	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1
IV 2500	93.4	95.9	96.0	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8
IV 2000	93.4	96.0	96.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9
IV 1800	93.4	96.0	96.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9
IV 1500	93.5	96.3	96.5	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2
IV 1200	94.6	97.4	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3
IV 1000	95.2	97.8	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7
IV 900	95.2	98.0	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8
IV 800	95.5	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1
IV 700	95.6	98.4	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2
IV 600	95.6	98.6	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
IV 500	95.6	98.6	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
IV 400	95.6	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
IV 300	95.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
IV 200	95.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 100	95.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 0	95.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.08

CANNON AFB NM

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	69.1	70.1	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
≥ 20000	76.6	77.7	77.8	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 18000	77.0	78.0	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
IV 16000	77.0	78.0	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6
IV 14000	77.5	78.5	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1
IV 12000	78.9	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
IV 10000	81.3	82.4	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1
IV 9000	81.3	82.5	82.7	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
IV 8000	82.5	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
IV 7000	82.8	84.0	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
IV 6000	83.3	84.6	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3
IV 5000	85.1	86.5	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4
IV 4500	85.7	87.2	87.5	87.7	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1
IV 4000	87.7	89.4	89.7	90.0	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
IV 3500	88.4	90.1	90.4	90.6	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
IV 3000	90.1	91.9	92.3	92.6	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IV 2500	90.6	92.5	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
IV 2000	91.0	93.0	93.4	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3
IV 1800	91.3	93.4	93.8	94.1	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
IV 1500	91.9	94.1	94.6	94.9	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
IV 1200	92.6	94.9	95.4	95.8	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
IV 1000	93.2	95.6	96.1	96.5	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
IV 900	93.3	95.8	96.3	96.7	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5
IV 800	93.5	96.1	96.6	97.1	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 700	93.6	96.4	96.9	97.5	97.8	97.8	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4
IV 600	93.9	96.7	97.3	97.8	98.2	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 500	94.0	96.8	97.4	98.1	98.5	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
IV 400	94.1	96.9	97.6	98.3	98.7	98.8	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	94.1	96.9	97.6	98.3	98.7	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 200	94.1	96.9	97.6	98.3	98.8	98.9	99.2	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
IV 100	94.1	96.9	97.6	98.3	98.8	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	94.1	96.9	97.6	98.3	98.8	98.9	99.2	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7160

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27008

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.6	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 20000	81.6	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 18000	81.6	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 16000	81.6	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	82.2	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 12000	82.8	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	85.4	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	85.4	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	86.5	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	86.8	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	87.8	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	90.2	91.0	91.0	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	90.6	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	91.9	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	92.2	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	93.2	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	93.8	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	93.9	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	93.9	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	94.1	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	94.3	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	94.7	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	94.8	96.4	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	95.1	96.9	96.9	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	95.1	97.0	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	95.3	97.4	97.4	97.5	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	95.4	97.8	97.9	98.0	98.2	98.2	98.4	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	95.4	97.8	97.9	98.0	98.2	98.2	98.4	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	95.4	97.8	97.9	98.0	98.2	98.3	98.6	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	95.4	97.8	97.9	98.0	98.2	98.3	98.6	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.6	99.7
≥ 100	95.4	97.8	97.9	98.0	98.2	98.3	98.6	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.6	100.0
≥ 0	95.4	97.8	97.9	98.0	98.2	98.3	98.6	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

766

USAF ETAC

FORM
JUL 68

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27008

CANNON AFB NM

69-70,74-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	77.4 80.1	79.0 81.7	79.3 82.1	79.3 82.1	79.4 82.2	79.6 82.4	79.7 82.5	79.7 82.6	79.8 82.8	79.8 82.8	79.8 82.8	79.8 82.8	79.8 82.8	79.8 82.8	79.8 82.8	79.8 82.8
≥ 18000 ≥ 16000	80.1 80.1	81.7 81.7	82.1 82.1	82.1 82.1	82.2 82.2	82.4 82.4	82.5 82.5	82.6 82.6	82.8 82.8	82.8 82.8	82.8 82.8	82.8 82.8	82.8 82.8	82.8 82.8	82.8 82.8	82.8 82.8
≥ 14000 ≥ 12000	80.2 82.1	81.8 83.7	82.2 84.1	82.2 84.1	82.4 84.2	82.5 84.4	82.6 84.5	82.8 84.6	82.9 84.8	82.9 84.8	82.9 84.8	82.9 84.8	82.9 84.8	82.9 84.8	82.9 84.8	82.9 84.6
≥ 10000 ≥ 9000	83.7 83.7	85.3 85.3	86.0 86.0	86.1 86.1	86.2 86.2	86.4 86.4	86.5 86.5	86.6 86.6	86.8 86.8	86.8 86.8	86.8 86.8	86.8 86.8	86.8 86.8	86.8 86.8	86.8 86.8	86.8 86.8
≥ 8000 ≥ 7000	84.5 84.6	86.1 86.2	86.8 86.9	86.9 87.0	87.0 87.2	87.2 87.3	87.3 87.4	87.4 87.6	87.6 87.7	87.6 87.7	87.6 87.7	87.6 87.7	87.6 87.7	87.6 87.7	87.6 87.7	87.6 87.7
≥ 6000 ≥ 5000	85.3 86.2	87.0 88.0	87.7 88.7	87.9 88.8	88.0 88.9	88.1 89.1	88.3 89.2	88.4 89.3	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5	88.5 89.5
≥ 4500 ≥ 4000	86.6 87.6	88.4 89.3	89.2 90.1	89.3 90.3	89.5 90.4	89.6 90.5	89.7 90.7	89.9 90.8	90.0 90.9	90.0 90.9	90.0 90.9	90.0 90.9	90.0 90.9	90.0 90.9	90.0 90.9	90.0 90.9
≥ 3500 ≥ 3000	87.9 88.3	89.9 90.3	90.7 91.1	90.8 91.2	90.9 91.3	91.1 91.5	91.2 91.6	91.3 91.7	91.5 91.9	91.5 91.9	91.5 91.9	91.5 91.9	91.5 91.9	91.5 91.9	91.5 91.9	91.5 91.9
≥ 2500 ≥ 2000	88.4 89.1	90.5 91.3	91.3 92.1	91.5 92.3	91.6 92.4	91.7 92.5	92.0 92.8	92.1 92.9	92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1
≥ 1800 ≥ 1500	89.2 89.6	91.5 92.1	92.3 92.9	92.4 93.1	92.5 93.2	92.7 93.3	92.9 93.6	93.1 93.7	93.2 93.9	93.2 93.9	93.2 93.9	93.2 93.9	93.2 93.9	93.2 93.9	93.2 93.9	93.2 93.9
≥ 1200 ≥ 1000	90.0 90.4	92.5 93.1	93.3 93.9	93.5 94.0	93.6 94.1	93.7 94.3	94.0 94.8	94.1 94.9	94.3 95.1	94.3 95.1	94.3 95.1	94.3 95.1	94.3 95.1	94.3 95.1	94.3 95.1	94.3 95.1
≥ 900 ≥ 800	90.9 91.1	93.6 93.7	94.4 94.5	94.5 94.7	94.7 94.8	94.8 94.9	95.1 95.5	95.5 95.6	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7	95.6 95.7
≥ 700 ≥ 600	91.3 91.5	94.1 94.8	94.9 95.6	95.1 95.7	95.3 96.0	95.5 96.1	96.0 96.7	96.1 96.8	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9	96.3 96.9
≥ 500 ≥ 400	91.6 91.7	95.7 96.0	96.7 96.9	96.9 97.2	97.7 98.0	97.9 98.1	98.4 98.7	98.8 99.1	98.9 99.2	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9 99.3
≥ 300 ≥ 200	91.7 91.7	96.0 96.0	96.9 96.9	97.2 97.2	98.0 98.0	98.1 98.1	98.7 98.7	99.1 99.1	99.2 99.2	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3
≥ 100 ≥ 0	91.7 91.7	96.0 96.0	96.9 96.9	97.2 97.2	98.0 98.0	98.1 98.1	98.7 98.7	99.1 99.1	99.2 99.2	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3

TOTAL NUMBER OF OBSERVATIONS 745

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	74.5	76.0	76.4	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 20000	79.3	81.0	81.4	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
IV 18000	79.4	81.4	81.9	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
IV 16000	79.5	81.5	82.0	82.4	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8
IV 14000	79.6	81.6	82.1	82.5	82.5	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
IV 12000	80.6	82.6	83.3	83.8	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
IV 10000	82.9	84.9	85.4	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
IV 9000	82.9	84.9	85.4	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
IV 8000	83.8	85.8	86.3	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
IV 7000	84.4	86.4	87.0	87.4	87.4	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
IV 6000	85.1	87.1	87.7	88.1	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
IV 5000	85.9	87.9	88.4	88.9	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
IV 4500	86.3	88.3	88.9	89.3	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7
IV 4000	87.2	89.3	89.9	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7
IV 3500	87.4	89.5	90.1	90.5	90.5	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
IV 3000	87.6	89.9	90.4	90.9	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
IV 2500	88.2	90.3	90.9	91.3	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7
IV 2000	88.7	91.0	91.5	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
IV 1800	88.9	91.4	92.0	92.4	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
IV 1500	89.3	92.1	92.7	93.1	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 1200	89.8	93.0	93.5	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
IV 1000	90.5	93.8	94.4	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV 900	91.0	94.3	95.0	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
IV 800	91.2	94.7	95.3	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
IV 700	91.7	95.2	96.0	96.6	96.7	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
IV 600	91.7	95.2	96.0	96.7	96.8	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
IV 500	91.7	95.4	96.4	97.8	98.0	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
IV 400	91.8	95.8	97.0	98.3	98.7	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	91.8	95.8	97.0	98.3	98.7	98.7	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	91.8	95.8	97.0	98.3	98.7	98.7	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	91.8	95.8	97.0	98.3	98.7	98.7	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	91.8	95.8	97.0	98.3	98.7	98.7	99.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

899

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	79.3	79.9	79.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 20000	82.9	83.4	83.4	83.6	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	83.2	83.8	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	83.2	83.8	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	83.6	84.1	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	85.3	85.9	85.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	87.2	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	87.2	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	87.9	88.4	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	88.2	88.8	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	88.4	89.0	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	89.2	89.8	89.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	89.6	90.1	90.1	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	90.7	91.2	91.3	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	91.1	91.7	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	92.0	93.1	93.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	93.1	94.2	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	94.1	95.2	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	94.2	95.7	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	94.8	96.3	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	95.0	96.8	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	95.3	97.1	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	96.0	97.8	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	96.1	97.9	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	96.3	98.1	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	96.4	98.2	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	96.4	98.4	98.7	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	96.4	98.8	99.0	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	96.4	98.8	99.0	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	98.8	99.0	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	96.4	98.8	99.0	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	96.4	98.8	99.0	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70,73-87

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	75.2	75.2	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	82.9	82.9	83.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 18000	83.1	83.1	83.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	83.2	83.2	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	83.6	83.6	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000	84.6	84.6	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 10000	86.3	86.4	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	86.3	86.4	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	87.0	87.2	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	87.0	87.2	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	87.1	87.3	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	88.7	88.9	89.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	89.4	89.7	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	90.5	90.9	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	92.5	92.9	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	95.1	95.4	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	95.6	95.9	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	96.9	97.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	97.4	97.9	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.7	98.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	97.8	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.0	98.6	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.1	98.7	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.2	98.8	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.3	98.9	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.3	98.9	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.8	63.9	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000	77.2	77.3	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	77.6	77.7	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	77.6	77.7	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	78.4	78.6	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	80.3	80.7	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	82.3	82.9	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	82.7	83.2	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	84.7	85.3	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	85.2	85.9	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	86.6	87.3	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	89.7	90.6	91.1	91.2	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	90.1	91.3	91.9	92.0	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	91.7	93.0	93.6	93.7	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	93.2	94.7	95.2	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	94.8	96.6	97.1	97.2	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	95.3	97.2	97.9	98.0	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	95.8	97.7	98.3	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	96.0	97.9	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	96.3	98.2	98.9	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	96.3	98.2	98.9	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.4	98.3	99.0	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	96.4	98.3	99.0	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.4	98.3	99.0	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.4	98.6	99.2	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.4	98.6	99.2	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.4	98.7	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.4	98.7	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.4	98.7	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	98.7	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.4	98.7	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.4	98.7	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.08

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1870-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.8	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	77.3	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	77.7	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	77.7	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	78.5	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	80.3	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000	84.3	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	84.6	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	85.9	87.1	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	86.5	87.6	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	88.3	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	90.8	92.5	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	91.1	93.0	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	93.3	95.3	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	94.2	96.3	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	94.7	97.0	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	94.8	97.2	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	95.3	97.7	98.2	98.6	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	95.3	97.7	98.2	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	95.3	98.2	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	95.3	98.2	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	95.3	98.2	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	95.3	98.2	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	95.3	98.3	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	95.3	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.3	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	95.3	98.4	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.3	98.4	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.3	98.4	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.3	98.4	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.3	98.4	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.3	98.4	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2308

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.4	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 20000	83.1	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 18000	83.1	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 16000	83.1	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 14000	83.4	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 12000	84.5	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 10000	86.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 9500	86.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 8000	88.3	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 7000	89.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 6000	90.1	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 5000	92.9	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 4500	92.9	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 4000	94.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 3500	94.9	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 3000	95.2	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 2500	95.2	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 2000	95.5	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1800	95.5	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	95.8	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	95.9	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	96.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	96.1	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	96.1	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	96.2	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	96.2	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	96.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	96.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	96.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	96.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	96.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	96.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.5	74.1	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	80.9	81.2	81.5	81.6	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	80.7	81.5	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	80.8	81.6	81.8	81.9	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 14000	81.2	82.0	82.2	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	82.6	83.5	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000	84.9	85.8	86.1	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	85.0	85.9	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	86.1	87.1	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	86.5	87.6	87.8	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	87.4	88.4	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 5000	89.2	90.4	90.7	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	89.6	90.9	91.2	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	90.9	92.3	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	91.8	93.2	93.5	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	92.7	94.3	94.7	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	93.1	94.8	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	93.7	95.5	95.9	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	93.9	95.7	96.1	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	94.2	96.2	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	94.4	96.5	96.8	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	94.7	96.9	97.3	97.6	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	94.9	97.1	97.5	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	95.0	97.3	97.7	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	95.2	97.5	97.9	98.2	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	95.2	97.7	98.1	98.4	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	95.3	97.9	98.4	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	95.3	98.0	98.5	99.0	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	95.3	98.0	98.5	99.0	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	95.3	98.0	98.5	99.0	99.3	99.3	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	95.3	98.0	98.5	99.0	99.3	99.3	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	95.3	98.0	98.5	99.0	99.3	99.3	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

6911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2308

CANNON AFB NM

69-70,74-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.2	72.0	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	76.5	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 18000	76.5	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 16000	76.5	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 14000	77.0	77.9	78.0	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 12000	80.0	80.9	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 10000	83.2	84.0	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 9000	83.4	84.2	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 8000	85.6	86.5	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 7000	86.3	87.2	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 6000	87.0	88.1	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 5000	90.6	91.8	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 4500	91.1	92.3	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 4000	92.8	94.0	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 3500	93.0	94.2	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 3000	93.0	94.7	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500	93.3	95.1	95.4	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 2000	93.4	95.4	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	94.0	96.0	96.4	96.6	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	94.2	96.4	96.8	97.0	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	94.8	97.0	97.4	97.6	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	94.8	97.0	97.4	97.6	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	94.9	97.4	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	95.4	97.8	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	95.5	98.2	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	95.7	98.7	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	95.7	98.7	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	95.7	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	95.7	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	95.7	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	95.7	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	95.7	98.7	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.3	73.8	74.0	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.8	74.9	74.9	74.9
≥ 20000	76.4	77.3	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.4	78.4	78.4
≥ 18000	76.4	77.3	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.4	78.4	78.4
≥ 16000	76.4	77.3	77.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.4	78.4	78.4
≥ 14000	77.5	78.4	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.3	79.4	79.4	79.4
≥ 12000	80.0	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.9	82.0	82.0	82.0
≥ 10000	82.8	83.9	84.1	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.9	85.0	85.0	85.1
≥ 9000	83.3	84.4	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.5	85.5	85.6
≥ 8000	84.9	85.9	86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	87.0	87.0	87.1
≥ 7000	85.3	86.2	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.3	87.3	87.4
≥ 6000	86.2	87.4	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.5	88.5	88.6
≥ 5000	87.4	88.8	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.8	89.9	89.9	90.0
≥ 4500	87.7	89.2	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.3	90.3	90.4
≥ 4000	88.9	90.4	90.6	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.5	91.6	91.6	91.7
≥ 3500	89.2	90.6	90.9	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.8	91.8	91.9
≥ 3000	89.7	91.3	91.6	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.4	92.4	92.5	92.7	92.7	92.8
≥ 2500	90.4	92.1	92.3	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.1	93.1	93.3	93.4	93.4	93.5
≥ 2000	90.6	92.5	92.8	93.1	93.4	93.4	93.6	93.6	93.6	93.6	93.8	93.8	93.9	94.0	94.0	94.1
≥ 1800	90.9	92.9	93.1	93.5	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.4	94.4	94.5
≥ 1500	91.5	93.6	93.9	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.8	94.8	95.0	95.1	95.1	95.2
≥ 1200	91.8	94.1	94.4	94.7	95.0	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.6	95.6	95.7
≥ 1000	92.2	94.7	95.0	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.9	95.9	96.0	96.2	96.2	96.3
≥ 900	92.5	95.1	95.3	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.4	96.5	96.5	96.6
≥ 800	92.7	95.2	95.4	95.8	96.0	96.0	96.3	96.3	96.3	96.3	96.4	96.5	96.5	96.6	96.8	96.9
≥ 700	92.9	95.6	95.9	96.4	96.6	96.6	96.9	97.0	97.0	97.1	97.2	97.2	97.4	97.5	97.5	97.6
≥ 600	92.9	95.8	96.4	96.9	97.1	97.1	97.5	97.6	97.6	97.7	97.8	97.8	98.0	98.1	98.1	98.2
≥ 500	93.0	96.2	96.9	97.4	97.7	97.7	98.1	98.2	98.2	98.3	98.4	98.6	98.8	98.9	98.9	99.0
≥ 400	93.1	96.4	97.1	97.6	98.0	98.1	98.4	98.6	98.6	98.7	98.8	98.9	99.2	99.3	99.3	99.4
≥ 300	93.1	96.5	97.4	97.8	98.2	98.4	98.8	98.9	98.9	99.0	99.2	99.3	99.5	99.6	99.6	99.8
≥ 200	93.1	96.5	97.4	97.8	98.2	98.4	98.8	98.9	98.9	99.0	99.2	99.3	99.6	99.8	99.8	99.9
≥ 100	93.1	96.5	97.4	97.8	98.2	98.4	98.8	98.9	98.9	99.0	99.3	99.4	99.8	99.9	99.9	100.0
≥ 0	93.1	96.5	97.4	97.8	98.2	98.4	98.8	98.9	98.9	99.0	99.3	99.4	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2108

CANNON AFB NM

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	68.7	70.3	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
≥ 20000	74.6	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	74.6	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	74.7	76.8	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	75.3	77.4	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	77.4	79.8	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	81.1	83.5	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
≥ 9000	81.3	83.8	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8
≥ 8000	84.0	86.5	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6
≥ 7000	84.3	86.9	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.1
≥ 6000	84.6	87.3	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5
≥ 5000	84.7	87.5	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7
≥ 4500	85.4	88.2	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4
≥ 4000	86.1	89.0	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3
≥ 3500	86.7	89.6	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1
≥ 3000	87.2	90.1	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
≥ 2500	87.6	90.8	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.3
≥ 2000	87.7	90.9	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4
≥ 1800	88.5	91.6	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1
≥ 1500	88.7	92.0	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.7	93.7	93.7	93.8
≥ 1200	89.2	92.6	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.5
≥ 1000	89.7	93.9	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.9
≥ 900	89.9	94.2	95.2	95.5	95.8	95.8	95.8	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.5
≥ 800	89.9	94.3	95.3	95.6	96.0	96.0	96.1	96.1	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.8
≥ 700	90.2	94.7	96.0	96.5	96.9	96.9	97.0	97.0	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.6
≥ 600	90.6	95.5	96.8	97.2	97.6	97.7	97.8	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.5
≥ 500	90.8	95.6	96.9	97.4	98.0	98.1	98.3	98.3	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.1
≥ 400	90.8	95.7	97.0	97.7	98.3	98.4	98.6	98.6	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.8
≥ 300	90.8	95.7	97.0	97.7	98.3	98.4	98.8	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.8
≥ 200	90.8	95.7	97.0	97.7	98.3	98.4	98.9	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0
≥ 100	90.8	95.7	97.0	97.7	98.3	98.4	98.9	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0
≥ 0	90.8	95.7	97.0	97.7	98.3	98.4	98.9	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008

CANNON AFB NM

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	86.3	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	86.9	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	87.4	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	87.5	88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	88.4	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	90.0	90.9	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	92.4	93.3	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	92.7	93.9	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	93.8	95.2	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	94.1	95.6	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	95.2	96.7	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	95.7	97.4	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	95.7	97.7	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	95.7	97.7	98.4	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	95.7	97.8	98.5	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	95.9	98.1	98.9	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.9	98.1	98.9	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.9	98.1	98.9	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.9	98.1	98.9	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.9	98.1	98.9	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.9	98.1	98.9	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.9	98.1	98.9	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.9	98.1	98.9	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 DB

CANNON AFB NM

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 20000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 18000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 16000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 14000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 12000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 10000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 9000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 8000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 7000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 6000	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 5000	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4500	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3500	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 3000	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 2500	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2000	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1800	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	98.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.D8

CANNON AFB NM

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 20000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	93.1	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	93.9	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 4000	96.5	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 3500	97.4	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 3000	98.1	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 2500	98.3	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 2000	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1800	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1500	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1200	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1000	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 900	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	98.8	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	99.0	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	99.0	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	99.0	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	99.0	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	99.0	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	99.0	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	99.0	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	99.0	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

931

USAF ETAC

FORM
JUL 66

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 16000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 14000	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 12000	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 10000	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 7000	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 6000	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 5000	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 4500	92.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 4000	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 3500	96.5	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 3000	96.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	97.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	97.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1800	97.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	97.3	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	97.4	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	97.6	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	97.7	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.8	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.08

CANNON AFB NM

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	91.8	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	92.7	93.2	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	95.2	95.8	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	96.1	97.0	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	96.2	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	96.6	97.5	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	96.9	97.8	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	96.9	97.8	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.1	98.1	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	97.2	98.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	97.2	98.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.3	98.4	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.4	98.5	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	97.4	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.4	98.7	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.5	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.5	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.5	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.5	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.5	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.5	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2308

CANNON AFB NM

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	69.6	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	77.3	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2
≥ 18000	77.5	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3
≥ 16000	77.6	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4
≥ 14000	78.5	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 12000	80.7	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	84.1	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 9000	84.3	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 8000	86.1	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 7000	86.5	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 6000	87.4	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 5000	89.6	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 4500	90.1	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 4000	92.0	93.1	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7
≥ 3500	93.1	94.2	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 3000	93.9	95.2	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 2500	94.2	95.7	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 2000	94.6	96.1	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 1800	94.9	96.4	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 1500	95.2	96.8	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
≥ 1200	95.5	97.2	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	95.7	97.5	97.9	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 900	95.8	97.6	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
≥ 800	95.9	97.8	98.2	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 700	96.0	98.0	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	96.1	98.2	98.7	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6
≥ 500	96.1	98.2	98.8	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 400	96.1	98.3	98.8	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 300	96.1	98.3	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	96.1	98.3	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	96.1	98.3	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	96.1	98.3	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7243

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 08

CANNON AFB NM

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.3	71.7	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	75.7	76.1	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	75.8	76.3	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	75.8	76.3	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	77.2	77.7	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	79.7	80.3	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	82.7	83.3	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	82.7	83.3	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	84.6	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 7000	85.1	85.7	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	85.9	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	87.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4500	88.0	89.1	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	91.7	93.4	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	92.4	94.5	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	92.8	95.1	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	92.9	95.2	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	92.9	95.2	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	93.3	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	93.7	95.9	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	94.0	96.2	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	94.7	96.9	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	94.8	97.1	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	95.3	97.6	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	95.3	97.6	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	95.3	97.6	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	95.5	98.4	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	95.5	98.4	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	95.5	98.4	98.8	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	95.5	98.4	98.8	99.1	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	95.5	98.4	98.8	99.2	99.3	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	95.5	98.4	98.8	99.2	99.3	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 851

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2106

CANNON AFB NM

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.9	72.2	72.3	72.3	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.5
≥ 20000	75.2	75.5	75.6	75.6	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.8
≥ 18000	75.2	75.5	75.6	75.6	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.8
≥ 16000	75.2	75.5	75.6	75.6	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.8
≥ 14000	75.8	76.1	76.2	76.2	76.5	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.3
≥ 12000	78.1	78.3	78.4	78.4	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.6
≥ 10000	81.2	81.6	81.7	81.7	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.9
≥ 9000	81.3	81.7	81.8	81.8	82.2	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	83.0
≥ 8000	82.7	83.1	83.2	83.2	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.4
≥ 7000	82.9	83.2	83.3	83.3	83.7	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.5
≥ 6000	84.4	84.7	84.9	84.9	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	86.0
≥ 5000	85.4	85.8	85.9	85.9	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.9	86.9	87.1
≥ 4500	85.8	86.5	86.6	86.6	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.8
≥ 4000	89.0	89.8	90.0	90.0	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.2
≥ 3500	89.6	90.4	90.6	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.8
≥ 3000	89.7	90.5	90.7	90.7	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7	91.9
≥ 2500	89.9	90.7	91.1	91.1	91.4	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.3
≥ 2000	90.1	91.3	91.7	91.7	92.0	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.8
≥ 1800	90.1	91.7	92.1	92.1	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.3
≥ 1500	90.5	92.1	92.6	92.6	93.0	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.9
≥ 1200	91.1	92.7	93.2	93.2	93.5	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.5
≥ 1000	91.8	93.4	93.9	94.0	94.4	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.3
≥ 900	92.1	93.8	94.2	94.4	94.7	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.7
≥ 800	92.6	94.2	94.7	94.8	95.2	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	96.1
≥ 700	92.8	94.6	95.1	95.3	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.6
≥ 600	93.2	95.1	95.5	95.6	96.1	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	97.1
≥ 500	93.5	95.5	96.1	96.7	97.1	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	98.0
≥ 400	93.8	96.0	96.6	97.2	97.5	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.5
≥ 300	93.8	96.2	97.2	97.8	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	99.2
≥ 200	93.9	96.4	97.3	98.0	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.6
≥ 100	93.9	96.4	97.3	98.0	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.9
≥ 0	93.9	96.4	97.3	98.0	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS

650

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.4	71.6	71.9	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.8
≥ 20000	75.3	76.5	76.8	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.7
≥ 18000	75.3	76.5	76.8	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.7
≥ 16000	75.3	76.5	76.8	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.7
≥ 14000	75.7	76.9	77.2	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.1	78.1	78.2
≥ 12000	78.2	79.7	80.0	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.9	80.9	81.0
≥ 10000	83.2	84.9	85.3	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.2
≥ 9000	83.2	84.9	85.3	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.2
≥ 8000	84.4	86.1	86.5	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.4
≥ 7000	84.7	86.5	86.8	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.7
≥ 6000	85.6	87.3	87.6	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.6
≥ 5000	85.9	87.6	88.0	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.9
≥ 4500	86.0	87.7	88.1	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9	89.0
≥ 4000	87.2	88.7	89.1	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	90.0
≥ 3500	87.2	88.9	89.2	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.2
≥ 3000	88.0	89.8	90.1	90.4	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.1
≥ 2500	88.2	90.3	90.6	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.6
≥ 2000	89.0	91.2	91.5	91.8	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.5
≥ 1800	89.0	91.3	91.6	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.6
≥ 1500	89.9	92.2	92.5	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.4
≥ 1200	90.2	92.5	92.8	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.8
≥ 1000	91.3	94.3	94.6	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.8
≥ 900	91.5	94.8	95.3	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.5
≥ 800	91.7	95.1	95.7	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.1
≥ 700	92.4	95.7	96.5	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	98.0
≥ 600	92.5	95.8	96.6	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.1
≥ 500	92.7	96.2	97.2	98.1	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.9	98.9	99.0
≥ 400	92.8	96.5	97.4	98.3	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.4	99.4	99.6
≥ 300	92.8	96.5	97.4	98.3	98.7	98.8	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.8	99.8	100.0
≥ 200	92.8	96.5	97.4	98.3	98.7	98.8	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.8	99.8	100.0
≥ 100	92.8	96.5	97.4	98.3	98.7	98.8	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.8	99.8	100.0
≥ 0	92.8	96.5	97.4	98.3	98.7	98.8	98.9	99.0	99.0	99.2	99.4	99.4	99.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27006

CANNON AFB NM

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 20000	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 16000	79.4	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	85.9	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	89.0	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	89.5	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	90.9	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	91.1	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	92.7	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	93.9	94.5	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	94.9	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1
≥ 1800	95.2	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5
≥ 1500	95.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
≥ 1200	96.8	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 1000	97.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 900	97.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 800	98.1	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 700	98.2	99.1	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 600	98.3	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	98.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 18000	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 16000	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 14000	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 12000	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 10000	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 9000	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 8000	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 7000	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 6000	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4500	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4000	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3500	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 3000	97.2	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 2500	97.5	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 2000	97.7	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1800	97.7	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	98.1	98.7	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	98.3	99.0	99.0	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	98.4	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	98.4	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.6	99.4	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 08

CANNON AFB NM

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9000	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	91.7	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	92.2	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	95.3	96.0	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	96.5	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	97.4	98.3	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	97.7	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	97.8	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	97.8	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	97.8	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.0	98.8	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.1	98.9	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.2	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2708

CANNON AFB NM

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	89.4	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	89.5	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	90.5	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	93.4	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	93.9	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	95.9	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	96.7	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	96.9	98.5	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	96.9	98.6	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	97.0	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	97.0	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.0	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.0	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.0	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.0	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.1	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.2	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.3	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.3	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.3	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.3	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23-08

CANNON AFB NM

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 18000	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 16000	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 14000	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 12000	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 10000	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 9000	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 8000	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 7000	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 6000	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 5000	92.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 4500	93.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 4000	95.2	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 3500	95.9	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 3000	96.1	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 2500	96.2	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2000	96.3	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1800	96.3	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1500	96.3	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	96.5	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	96.5	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	96.5	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	96.7	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	96.7	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	96.7	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	96.7	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	96.7	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	96.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.7	99.4	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.3	71.6	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
≥ 20000	78.5	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
≥ 18000	78.6	79.0	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
IV 16000	78.6	79.0	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
IV 14000	79.5	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3
IV 12000	81.5	81.9	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3
IV 10000	85.4	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
IV 9000	85.5	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
IV 8000	86.6	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
IV 7000	87.1	87.7	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
IV 6000	87.9	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
IV 5000	89.5	90.4	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
IV 4500	89.9	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
IV 4000	92.4	93.6	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
IV 3500	93.1	94.4	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
IV 3000	93.9	95.2	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
IV 2500	94.2	95.6	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
IV 2000	94.6	96.0	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
IV 1800	94.6	96.2	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
IV 1500	95.0	96.5	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	95.3	96.9	97.1	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
IV 1000	95.7	97.4	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3
IV 900	95.8	97.6	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
IV 800	96.1	97.8	98.1	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 700	96.2	98.0	98.3	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 600	96.3	98.1	98.4	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 500	96.4	98.4	98.7	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 400	96.4	98.4	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 300	96.4	98.5	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 200	96.5	98.5	98.9	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	96.5	98.5	98.9	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0
IV 0	96.5	98.5	98.9	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.08

CANNON AFB NM

69-70,74-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	65.6	66.2	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	69.4	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	69.4	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 16000	69.4	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	69.4	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 12000	71.0	71.6	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	73.7	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	73.7	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	74.1	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	74.7	75.4	75.7	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	75.6	76.3	76.5	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	76.4	77.4	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3
≥ 4500	76.9	77.9	78.1	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8
≥ 4000	79.0	80.6	81.0	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.9
≥ 3500	79.4	81.0	81.4	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.2
≥ 3000	80.5	82.1	82.5	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.5
≥ 2500	81.0	83.0	83.3	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.3
≥ 2000	81.7	84.0	84.3	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.3
≥ 1800	82.0	84.2	84.6	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.6
≥ 1500	82.6	85.1	85.6	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4	86.5
≥ 1200	83.2	85.9	86.4	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.3	87.3	87.4
≥ 1000	84.4	87.3	88.1	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.4
≥ 900	84.9	87.8	88.6	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9	90.0
≥ 800	85.4	88.3	89.3	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.7
≥ 700	86.4	89.6	90.7	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.2
≥ 600	86.9	90.6	91.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.2
≥ 500	87.8	92.6	94.0	95.1	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.3
≥ 400	88.1	94.2	95.4	96.9	97.8	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.8
≥ 300	88.1	94.4	95.9	97.4	98.5	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.6
≥ 200	88.1	94.4	96.0	97.8	98.6	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.8
≥ 100	88.1	94.4	96.0	97.8	98.6	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.9	99.9	100.0
≥ 0	88.1	94.4	96.0	97.8	98.6	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 03

CANNON AFB NM

69-70,74-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4
≥ 20000	68.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.8
≥ 18000	68.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.9
IV 16000	68.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.9
≥ 14000	68.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.9
IV 12000	69.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	71.0
≥ 10000	71.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.1
IV 9000	71.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.1
≥ 8000	72.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2
IV 7000	73.1	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.9
≥ 6000	74.3	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	76.0
IV 5000	74.7	75.9	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4
≥ 4500	75.3	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.3
IV 4000	76.5	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0
≥ 3500	76.9	79.5	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	80.0
IV 3000	78.1	81.1	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.7
≥ 2500	78.9	82.1	82.2	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.7
IV 2000	79.0	82.5	82.6	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.2
≥ 1800	79.8	83.2	83.3	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	84.0
IV 1500	80.6	84.3	84.4	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.2
≥ 1200	81.1	85.1	85.2	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9
IV 1000	81.7	86.2	86.5	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.5
≥ 900	82.6	87.4	87.8	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.9
IV 800	83.0	87.9	88.3	88.9	89.1	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.8
≥ 700	84.1	89.5	90.0	90.7	91.1	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7
IV 600	84.6	90.9	91.4	92.1	92.5	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.1
≥ 500	84.7	91.7	92.5	93.5	94.2	94.2	94.4	94.9	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.3
IV 400	84.9	92.8	94.2	95.4	96.3	96.3	97.0	98.1	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.5
≥ 300	84.9	93.1	94.6	95.8	96.9	96.9	97.7	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.1
IV 200	84.9	93.2	94.7	95.9	97.0	97.2	98.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.5
≥ 100	84.9	93.2	94.7	95.9	97.0	97.2	98.0	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.8
IV 0	84.9	93.2	94.7	95.9	97.0	97.2	98.0	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

810

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

28108

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.1	59.2	59.6	60.0	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.6
≥ 20000	62.3	63.4	64.0	64.4	64.8	64.8	64.8	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 18000	62.5	63.6	64.2	64.6	65.1	65.1	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 16000	62.6	63.7	64.3	64.7	65.2	65.2	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 14000	63.2	64.3	64.8	65.3	65.7	65.7	65.7	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.2
≥ 12000	64.8	66.0	66.5	67.0	67.4	67.4	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.9
≥ 10000	67.0	68.3	68.9	69.3	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 9000	67.0	68.3	68.9	69.3	69.7	69.7	69.7	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 8000	68.4	69.7	70.4	71.1	71.6	71.6	71.6	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 7000	69.1	70.4	71.1	71.7	72.3	72.3	72.3	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.9
≥ 6000	70.2	71.5	72.2	72.9	73.4	73.4	73.4	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 5000	70.3	71.6	72.6	73.3	73.9	73.9	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 4500	70.6	72.1	73.1	73.7	74.3	74.3	74.3	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.9
≥ 4000	72.1	73.7	75.1	75.8	76.3	76.4	76.4	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 3500	72.7	74.5	75.9	76.5	77.1	77.2	77.2	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 3000	74.1	76.0	77.3	78.0	78.8	78.9	78.9	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 2500	74.7	76.8	78.1	78.9	79.6	79.8	79.8	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 2000	75.3	77.5	79.0	79.8	80.6	80.8	80.9	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 1800	75.8	78.1	79.5	80.3	81.2	81.3	81.5	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 1500	76.6	79.5	81.0	81.9	82.9	83.0	83.2	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	84.0
≥ 1200	77.2	80.5	82.0	83.0	84.0	84.2	84.4	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.4
≥ 1000	78.4	82.3	83.9	85.0	86.1	86.3	86.5	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 900	79.6	84.0	85.9	87.0	88.1	88.3	88.5	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 800	79.9	84.8	86.9	88.0	89.2	89.5	89.8	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 700	80.2	85.3	87.4	88.8	90.1	90.4	90.8	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 600	80.3	86.0	88.2	89.7	91.1	91.4	91.8	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 500	81.1	87.8	90.7	92.4	93.9	94.4	95.2	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 400	81.4	88.1	91.2	93.2	94.7	95.4	96.2	97.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.3
≥ 300	81.4	88.3	91.4	93.5	95.1	95.9	96.7	97.8	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.3
≥ 200	81.4	88.3	91.4	93.5	95.1	95.9	96.7	97.8	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.7
≥ 100	81.4	88.3	91.4	93.5	95.1	95.9	96.7	97.8	98.1	98.8	99.0	99.0	99.1	99.2	99.2	100.0
≥ 0	81.4	88.3	91.4	93.5	95.1	95.9	96.7	97.8	98.1	98.8	99.0	99.0	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	67.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	74.6	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	75.1	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	76.2	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	76.7	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	76.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	78.2	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	79.1	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	80.7	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	83.0	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	84.4	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	85.3	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	87.3	89.6	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	89.7	91.3	91.8	92.0	92.1	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	89.9	92.4	93.1	93.3	93.6	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	90.6	93.3	94.1	94.3	94.6	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	91.0	93.8	94.7	94.9	95.1	95.2	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	91.3	94.4	95.3	95.6	96.1	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	91.9	95.1	96.1	96.4	97.4	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	92.0	95.6	96.9	97.3	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	92.0	95.6	96.9	97.3	98.3	98.7	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	92.0	95.6	96.9	97.3	98.3	98.7	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.0	95.6	96.9	97.3	98.3	98.7	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.0	95.6	96.9	97.3	98.3	98.7	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.0	95.6	96.9	97.3	98.3	98.7	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 98

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	85.2	85.6	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	87.0	87.4	87.4	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	89.1	90.3	90.3	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 2500	90.7	91.9	92.0	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6
≥ 2000	91.9	93.2	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 1800	91.9	93.2	93.4	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1500	92.8	94.2	94.4	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 1200	93.3	95.0	95.4	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 1000	93.4	95.3	96.3	96.6	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 900	93.4	95.6	96.9	97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 800	93.4	95.8	97.1	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 700	93.6	96.1	97.4	97.9	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6
≥ 600	93.6	96.3	97.7	98.1	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 500	93.8	97.0	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	93.8	97.0	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	93.8	97.0	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	93.8	97.0	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	93.8	97.0	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	93.8	97.0	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	63.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	89.3	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	90.1	90.8	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	91.9	93.1	93.1	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	92.4	93.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	92.9	94.2	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	93.2	94.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	93.4	95.0	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	94.0	95.7	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	94.2	96.3	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	94.7	96.9	97.2	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	94.9	97.4	97.9	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	95.1	97.7	98.1	98.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	95.1	97.8	98.2	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	95.1	98.1	98.7	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	95.1	98.3	98.9	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.1	98.3	98.9	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.1	98.3	98.9	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.1	98.3	98.9	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.1	98.3	98.9	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000 IV 16000	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 14000 IV 12000	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 10000 IV 9000	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000 IV 7000	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000 IV 5000	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500 IV 4000	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500 IV 3000	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500 IV 2000	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1800 IV 1500	84.8	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200 IV 1000	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 900 IV 800	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700 IV 600	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 500 IV 400	88.7	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 300 IV 200	89.4	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 100 IV 0	90.3	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 0	91.7	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 0	92.3	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 0	92.3	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 0	92.8	94.8	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 0	93.0	95.0	95.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 0	94.1	96.3	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 0	94.1	96.3	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 0	94.3	96.6	96.7	97.0	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0	94.3	96.8	97.0	97.4	97.8	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	94.6	97.1	97.4	97.9	98.3	98.3	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	95.0	97.7	98.0	98.4	98.9	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	95.0	97.7	98.0	98.6	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	95.0	97.7	98.0	98.6	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.0	97.7	98.0	98.6	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.0	97.7	98.0	98.6	99.6	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 08

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 0-23 00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	70.6	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	76.1	76.6	76.7	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	76.2	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	76.2	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	76.7	77.1	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	78.1	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	81.2	81.9	82.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	81.3	82.0	82.2	82.2	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	81.9	82.7	82.9	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	82.7	82.9	83.1	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	83.0	84.2	84.4	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	83.3	84.6	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	84.2	85.4	85.7	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	85.1	86.6	86.9	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	86.2	87.8	88.1	88.1	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	88.0	89.7	90.0	90.0	90.2	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	89.0	90.7	91.0	91.0	91.2	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	89.3	91.3	91.8	91.8	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	89.6	91.6	92.0	92.0	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	89.9	92.0	92.4	92.4	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	90.1	92.3	92.8	92.8	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	90.8	93.2	93.9	94.4	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	91.2	93.9	94.6	95.1	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	91.4	94.3	95.0	95.6	95.9	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	91.8	94.8	95.4	96.0	96.3	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	91.9	94.9	95.6	96.1	96.4	96.6	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	92.2	95.4	96.1	96.8	97.1	97.2	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	92.4	95.8	96.8	97.6	98.4	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	92.6	95.9	96.9	97.8	98.7	98.9	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	92.6	96.0	97.0	97.9	98.8	99.0	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.6	96.0	97.0	97.9	98.8	99.0	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	96.0	97.0	97.9	98.8	99.0	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 66

0-14-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2708

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	63.9	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	70.3	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 18000	70.5	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 16000	70.5	71.1	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	70.9	71.4	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	72.9	73.4	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8
≥ 10000	76.2	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 9000	76.2	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 8000	77.4	78.1	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	77.8	78.5	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 6000	78.8	79.6	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 5000	79.8	80.6	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	80.2	81.2	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 4000	81.9	83.1	83.4	83.6	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 3500	82.7	84.1	84.5	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
≥ 3000	84.2	85.9	86.2	86.4	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 2500	85.3	87.1	87.4	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 2000	86.0	88.0	88.4	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 1800	86.4	88.4	88.8	89.0	89.2	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6
≥ 1500	87.1	89.4	89.8	90.1	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 1200	87.8	90.2	90.7	91.0	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 1000	88.5	91.3	92.0	92.4	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 900	89.0	92.0	92.8	93.3	93.6	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 800	89.3	92.5	93.3	93.9	94.3	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 700	89.7	93.1	94.0	94.6	95.1	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 600	90.0	93.7	94.6	95.3	95.9	95.9	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 500	90.3	94.6	95.7	96.5	97.2	97.3	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 400	90.5	95.0	96.3	97.2	98.1	98.2	98.7	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	90.5	95.1	96.4	97.3	98.3	98.5	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	90.5	95.1	96.4	97.4	98.3	98.5	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 100	90.5	95.1	96.4	97.4	98.3	98.5	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	100.0
≥ 0	90.5	95.1	96.4	97.4	98.3	98.5	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7019

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23-08

CANNON AFB NM

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	77.9	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	79.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 18000	79.8	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 16000	79.8	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	79.8	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 12000	80.9	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	81.4	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	81.4	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	82.1	83.5	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 7000	82.4	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	83.3	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	84.1	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	84.4	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	84.9	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	84.9	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	85.3	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	86.2	88.0	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	86.5	88.2	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	86.8	88.6	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	87.9	89.6	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	88.5	90.5	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	88.8	90.8	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	89.4	91.5	92.4	92.9	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	89.9	92.2	93.2	93.8	94.0	94.1	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	90.1	92.6	93.5	94.1	94.5	94.6	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	90.2	92.7	93.6	94.2	94.6	94.7	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	90.5	93.1	94.2	95.1	95.5	95.6	96.0	96.0	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5
≥ 400	90.6	93.5	94.5	95.3	95.9	96.0	96.5	96.5	96.6	96.7	96.8	96.8	97.2	97.2	97.2	97.2
≥ 300	90.6	93.8	94.7	96.0	96.7	96.8	97.5	97.5	97.6	97.8	97.9	97.9	98.4	98.4	98.4	98.4
≥ 200	90.6	93.9	94.8	96.2	96.9	97.1	97.8	97.9	98.0	98.2	98.5	98.5	99.2	99.3	99.3	99.6
≥ 100	90.6	93.9	94.8	96.2	97.1	97.2	97.9	98.0	98.1	98.4	98.6	98.6	99.3	99.4	99.4	100.0
≥ 0	90.6	93.9	94.8	96.2	97.1	97.2	97.9	98.0	98.1	98.4	98.6	98.6	99.3	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

850

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008

CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	74.5	75.4	75.6	75.9	76.1	76.1	76.2	76.3	76.3	76.3	76.4	76.4	76.8	76.8	77.0	77.4	
≥ 20000	76.7	77.5	77.7	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.9	78.9	79.1	79.5	
≥ 18000	76.7	77.5	77.7	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.9	78.9	79.1	79.5	
≥ 16000	76.7	77.5	77.7	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.9	78.9	79.1	79.5	
≥ 14000	76.9	77.7	77.9	78.3	78.4	78.4	78.5	78.7	78.7	78.7	78.8	78.8	79.1	79.1	79.4	79.7	
≥ 12000	78.1	78.9	79.1	79.1	9.6	79.6	79.7	79.8	79.8	79.8	80.0	80.0	80.3	80.3	80.5	80.9	
≥ 10000	80.1	80.9	81.1	81.5	81.6	81.6	81.7	81.8	81.8	81.8	82.0	82.0	82.3	82.3	82.5	82.9	
≥ 9000	80.1	80.9	81.1	81.5	81.6	81.6	81.7	81.8	81.8	81.8	82.0	82.0	82.3	82.3	82.5	82.9	
≥ 8000	80.8	81.7	82.0	82.3	82.4	82.4	82.5	82.7	82.7	82.7	82.8	82.8	83.1	83.1	83.4	83.7	
≥ 7000	80.9	81.8	82.1	82.4	82.5	82.5	82.7	82.8	82.8	82.8	82.9	82.9	83.3	83.3	83.5	83.8	
≥ 6000	81.6	82.5	82.8	83.1	83.3	83.3	83.4	83.5	83.5	83.5	83.6	83.6	84.0	84.0	84.2	84.6	
≥ 5000	82.0	82.9	83.1	83.5	83.6	83.6	83.7	83.8	83.8	83.8	84.0	84.0	84.3	84.3	84.6	84.9	
≥ 4500	82.7	82.9	83.3	83.7	83.8	83.8	84.1	84.1	84.1	84.1	84.2	84.2	84.6	84.6	84.8	85.1	
≥ 4000	82.8	83.7	84.1	84.6	84.7	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.4	85.4	85.6	86.0	
≥ 3500	82.9	83.8	84.2	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.5	85.5	85.7	86.1	
≥ 3000	83.5	84.6	85.1	85.6	85.7	85.7	85.8	86.0	86.0	86.0	86.1	86.1	86.4	86.4	86.7	87.0	
≥ 2500	83.8	84.9	85.5	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.4	86.4	86.8	86.8	87.0	87.4	
≥ 2000	84.2	85.3	85.8	86.3	86.4	86.4	86.6	86.7	86.7	86.7	86.8	86.8	87.1	87.1	87.4	87.7	
≥ 1800	84.6	85.6	86.2	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.5	87.5	87.7	88.1	
≥ 1600	85.8	87.0	87.9	88.3	88.4	88.4	88.6	88.7	88.7	88.7	88.8	88.8	89.2	89.2	89.4	89.7	
≥ 1200	86.7	88.0	88.8	89.3	89.4	89.4	89.5	89.6	89.6	89.6	89.7	89.7	90.1	90.1	90.3	90.7	
≥ 1000	87.1	88.6	89.6	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.6	90.6	90.9	90.9	91.2	91.5	
≥ 900	87.3	88.9	90.0	90.4	90.6	90.6	90.7	90.8	90.8	90.8	90.9	90.9	91.3	91.3	91.5	91.9	
≥ 800	88.7	90.7	91.7	92.2	92.3	92.3	92.5	92.6	92.6	92.6	92.7	92.7	93.0	93.0	93.3	93.6	
≥ 700	88.8	91.5	92.7	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.6	93.6	94.0	94.0	94.2	94.6	
≥ 600	89.5	92.5	93.6	94.1	94.2	94.2	94.3	94.5	94.5	94.5	94.6	94.6	94.9	94.9	95.2	95.5	
≥ 500	89.5	92.7	94.0	94.5	94.8	94.8	95.0	95.2	95.3	95.5	95.6	95.6	96.0	96.0	96.2	96.6	
≥ 400	89.5	92.8	94.2	94.7	95.0	95.0	95.4	95.8	96.0	96.3	96.5	96.5	96.8	96.8	97.1	97.5	
≥ 300	89.5	92.8	94.2	94.9	95.3	95.3	95.6	96.0	96.3	96.8	97.2	97.2	97.9	98.0	98.2	98.8	
≥ 200	89.5	92.8	94.2	94.9	95.3	95.3	95.6	96.0	96.3	96.8	97.3	97.3	98.3	98.5	98.7	99.4	
≥ 100	89.5	92.8	94.2	94.9	95.3	95.3	95.6	96.0	96.3	97.1	97.5	97.5	98.8	98.9	99.2	99.9	
0	89.5	92.8	94.2	94.9	95.3	95.3	95.6	96.0	96.3	97.1	97.5	97.5	98.8	98.9	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2103

CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	67.4	68.3	69.2	69.8	70.0	70.2	70.3	70.4	70.4	70.4	70.5	70.5	70.8	70.8	71.0	71.6
≥ 20000	70.6	71.5	72.5	73.0	73.2	73.4	73.5	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.2	74.8
≥ 18000	70.6	71.5	72.5	73.0	73.2	73.4	73.5	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.2	74.8
≥ 16000	70.6	71.5	72.5	73.0	73.2	73.4	73.5	73.7	73.7	73.7	73.8	73.8	74.0	74.0	74.2	74.8
≥ 14000	71.8	72.7	73.7	74.2	74.4	74.6	74.7	74.8	74.8	74.8	74.9	74.9	75.2	75.2	75.4	76.0
≥ 12000	73.8	74.6	75.6	76.1	76.3	76.6	76.7	76.8	76.8	76.8	76.9	76.9	77.1	77.1	77.3	78.0
≥ 10000	75.5	76.7	77.8	78.4	78.7	79.0	79.1	79.2	79.2	79.2	79.4	79.4	79.5	79.5	79.7	80.4
≥ 9000	75.6	76.8	78.0	78.5	78.8	79.1	79.2	79.4	79.4	79.4	79.5	79.5	79.7	79.7	79.9	80.5
≥ 8000	76.6	77.7	78.9	79.5	79.8	80.1	80.2	80.3	80.3	80.3	80.4	80.4	80.6	80.6	80.9	81.5
≥ 7000	76.7	77.8	79.0	79.6	79.9	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.8	80.8	81.0	81.6
≥ 6000	76.9	78.1	79.2	79.8	80.1	80.4	80.5	80.6	80.6	80.6	80.8	80.8	81.0	81.0	81.2	81.6
≥ 5000	77.5	78.7	79.9	80.4	81.0	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.8	81.8	82.0	82.7
IV 4500	77.6	78.8	80.1	80.6	81.2	81.5	81.6	81.7	81.7	81.7	81.8	81.8	82.0	82.0	82.3	82.9
IV 4000	78.4	79.6	81.0	81.5	82.0	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.9	82.9	83.1	83.8
IV 3500	79.2	80.2	81.6	82.2	82.7	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.5	83.5	83.8	84.4
IV 3000	79.5	80.8	82.2	82.7	83.3	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.2	84.2	84.4	85.1
IV 2500	80.1	81.4	82.8	83.4	84.1	84.4	84.5	84.7	84.7	84.7	84.8	84.8	85.1	85.1	85.3	85.9
IV 2000	80.6	81.9	83.3	84.0	84.6	84.9	85.1	85.3	85.3	85.3	85.4	85.4	85.6	85.6	85.8	86.5
IV 1800	80.6	81.9	83.3	84.1	84.7	85.1	85.2	85.4	85.4	85.4	85.5	85.5	85.7	85.7	85.9	86.6
IV 1500	81.2	82.5	83.9	84.6	85.4	85.7	85.8	86.0	86.1	86.1	86.2	86.2	86.5	86.5	86.7	87.3
IV 1200	81.8	83.1	84.5	85.3	86.0	86.3	86.5	86.8	86.9	86.9	87.0	87.0	87.2	87.2	87.4	88.1
IV 1000	82.9	84.7	86.1	86.9	87.7	88.1	88.2	88.5	88.6	88.6	88.7	88.7	88.9	88.9	89.1	89.8
IV 900	83.2	85.1	86.5	87.2	88.1	88.4	88.6	88.9	89.0	89.0	89.1	89.1	89.4	89.4	89.6	90.2
IV 800	83.5	85.7	87.2	88.0	88.9	89.4	89.7	90.0	90.1	90.1	90.2	90.2	90.4	90.4	90.6	91.3
IV 700	84.0	86.5	88.3	89.0	90.0	90.4	90.8	91.1	91.2	91.2	91.3	91.3	91.5	91.5	91.7	92.4
IV 600	84.4	87.4	89.6	90.3	91.3	91.7	92.0	92.4	92.5	92.5	92.6	92.6	92.8	92.8	93.0	93.7
IV 500	84.8	88.0	90.3	91.4	92.6	93.1	93.7	94.0	94.2	94.3	94.4	94.4	94.6	94.6	94.8	95.5
IV 400	84.8	88.1	90.8	91.8	93.3	93.9	94.7	95.3	95.5	95.6	95.7	95.7	95.9	95.9	96.2	97.1
IV 300	84.8	88.2	90.9	92.0	93.5	94.2	95.1	95.9	96.1	96.3	96.6	96.6	97.0	97.0	97.3	98.4
IV 200	84.8	88.2	90.9	92.2	93.8	94.4	95.3	96.3	96.7	96.9	97.1	97.1	98.0	98.0	98.3	99.4
IV 100	84.8	88.2	90.9	92.2	93.8	94.4	95.3	96.3	96.7	96.9	97.2	97.2	98.2	98.3	98.6	100.0
IV 0	84.8	88.2	90.9	92.2	93.8	94.4	95.3	96.3	96.7	96.9	97.2	97.2	98.2	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.06

CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.8	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
≥ 20000	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
IV 18000	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
IV 16000	77.8	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
IV 14000	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
IV 12000	79.9	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8
IV 10000	81.7	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
IV 9000	81.8	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
IV 8000	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
IV 7000	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
IV 6000	83.1	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV 5000	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
IV 4500	83.9	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
IV 4000	84.1	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
IV 3500	84.2	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
IV 3000	84.3	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
IV 2500	84.3	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
IV 2000	85.1	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
IV 1800	85.2	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
IV 1500	86.2	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1
IV 1200	87.5	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4
IV 1000	88.6	90.6	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
IV 900	89.0	91.2	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
IV 800	89.2	91.7	92.3	92.4	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
IV 700	89.7	92.4	93.0	93.3	93.7	93.9	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.4
IV 600	89.7	92.6	93.2	93.7	94.4	94.6	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.2
IV 500	90.1	93.5	94.4	95.1	96.0	96.3	96.7	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.5
IV 400	90.1	93.8	94.7	95.6	96.8	97.1	97.6	98.1	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.8
IV 300	90.1	93.8	94.7	95.7	96.9	97.2	97.7	98.3	98.4	98.6	98.7	98.8	99.0	99.0	99.1	99.4
IV 200	90.1	93.8	94.7	95.7	96.9	97.2	97.7	98.3	98.4	98.6	98.7	98.8	99.2	99.2	99.4	99.6
IV 100	90.1	93.8	94.7	95.7	96.9	97.2	97.7	98.3	98.4	98.6	98.7	98.8	99.2	99.2	99.5	100.0
IV 0	90.1	93.8	94.7	95.7	96.9	97.2	97.7	98.3	98.4	98.6	98.7	98.8	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 16000	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 14000	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 12000	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 10000	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 9000	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 8000	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 7000	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 6000	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 5000	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3500	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3000	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2000	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1800	92.0	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	92.7	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200	93.0	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1000	93.7	95.1	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 900	93.9	95.3	95.5	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	94.2	95.9	96.3	96.5	96.8	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 700	94.3	96.0	96.5	96.8	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	94.5	96.3	97.0	97.3	97.6	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	94.5	96.5	97.3	97.8	98.2	98.3	98.4	98.6	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0
IV 400	94.5	96.8	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5
IV 300	94.5	96.8	97.6	98.3	98.8	98.9	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0
IV 200	94.5	96.8	97.6	98.3	98.8	98.9	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0
IV 100	94.5	96.8	97.6	98.3	98.8	98.9	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	94.5	96.8	97.6	98.3	98.8	98.9	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 20000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	95.2	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	95.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	95.9	96.9	97.1	97.1	97.2	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	96.1	97.4	97.6	97.7	97.8	97.8	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	96.3	97.6	98.0	98.3	98.5	98.5	98.6	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	96.3	97.6	98.0	98.3	98.5	98.5	98.6	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	96.3	97.6	98.0	98.3	98.5	98.5	98.7	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	97.6	98.0	98.3	98.5	98.5	98.7	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	97.6	98.0	98.3	98.5	98.5	98.7	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	97.6	98.0	98.3	98.5	98.5	98.7	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23008

CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	78.9	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 20000	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	84.6	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 16000	84.6	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 14000	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	89.2	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	89.7	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	89.7	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	90.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	90.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	91.1	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	91.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	91.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	92.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	92.9	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	93.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	93.4	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	93.4	95.3	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	93.7	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	94.1	96.2	96.3	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	94.2	96.3	96.5	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	94.4	96.9	97.2	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	94.4	97.1	97.4	97.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	94.4	97.1	97.5	97.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	94.4	97.1	97.5	97.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	94.4	97.1	97.5	97.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	94.4	97.1	97.5	97.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21 08

CANNON AFB NM

69-70,73-80

CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 0-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 20000	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 18000	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 14000	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	87.4	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	88.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	88.1	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	88.6	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	88.7	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	89.3	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	89.6	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	89.9	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	90.3	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	91.4	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	91.8	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	91.8	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	92.2	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	92.4	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	92.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	93.2	94.8	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	94.3	96.1	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	94.3	96.1	96.9	97.0	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	94.3	96.1	96.9	97.2	97.4	97.5	97.6	98.0	98.3	98.4	98.6	98.6	98.7	98.7	98.9	98.9
≥ 200	94.3	96.1	96.9	97.2	97.4	97.5	97.6	98.1	98.4	98.6	98.8	98.8	98.9	98.9	99.4	99.4
≥ 100	94.3	96.2	97.0	97.3	97.5	97.6	97.7	98.2	98.5	98.8	99.0	99.0	99.1	99.1	99.6	100.0
≥ 0	94.3	96.2	97.0	97.3	97.5	97.6	97.7	98.2	98.5	98.8	99.0	99.0	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2308

CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	75.1	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2
≥ 20000	79.4	79.9	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.6
≥ 18000	79.6	80.1	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 16000	79.6	80.1	80.3	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 14000	80.0	80.5	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.2
≥ 12000	81.3	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.5
≥ 10000	83.2	83.9	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 9000	83.3	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6
≥ 8000	84.3	85.0	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
≥ 7000	84.5	85.1	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8
≥ 6000	84.9	85.7	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4
≥ 5000	85.3	86.1	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.9
≥ 4500	85.4	86.2	86.5	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
≥ 4000	86.1	86.9	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 3500	86.4	87.2	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.1
≥ 3000	86.9	87.8	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.7
≥ 2500	87.4	88.3	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.3
≥ 2000	87.9	89.0	89.4	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.1
≥ 1800	88.3	89.3	89.7	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.5
≥ 1500	89.1	90.3	90.8	91.0	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5
≥ 1200	89.7	90.9	91.5	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.3
≥ 1000	90.2	91.7	92.2	92.5	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.2
≥ 900	90.5	92.1	92.7	93.0	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.8
≥ 800	90.9	92.6	93.5	93.8	94.0	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.7
≥ 700	91.2	93.3	94.1	94.4	94.7	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.5
≥ 600	91.5	93.8	94.6	95.0	95.4	95.5	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.3
≥ 500	91.9	94.4	95.3	95.8	96.4	96.6	96.8	96.9	97.1	97.2	97.3	97.3	97.3	97.4	97.5	97.7
≥ 400	91.9	94.5	95.5	96.1	96.8	96.9	97.3	97.5	97.7	97.8	98.0	98.0	98.0	98.1	98.2	98.4
≥ 300	91.9	94.5	95.6	96.3	97.0	97.2	97.6	97.9	98.1	98.3	98.5	98.5	98.6	98.8	98.8	99.2
≥ 200	91.9	94.6	95.6	96.3	97.1	97.3	97.6	98.0	98.3	98.5	98.8	98.8	98.8	99.2	99.2	99.6
≥ 100	91.9	94.6	95.6	96.4	97.1	97.3	97.7	98.1	98.3	98.6	98.9	98.9	98.9	99.3	99.4	99.5
≥ 0	91.9	94.6	95.6	96.4	97.1	97.3	97.7	98.1	98.3	98.6	98.9	98.9	98.9	99.3	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS

7277

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2008

CANNON AFB NM

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	78.1	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	80.7	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IV 18000	80.7	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IV 16000	80.7	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IV 14000	80.7	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IV 12000	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7
IV 10000	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 9000	82.6	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 8000	83.5	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
IV 7000	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IV 6000	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 5000	85.5	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
IV 4500	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	86.7	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 3500	86.7	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 3000	86.8	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
IV 2500	87.1	88.0	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000	87.9	88.8	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
IV 1800	88.3	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 1500	88.7	89.6	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
IV 1200	89.1	90.0	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
IV 1000	89.0	90.2	90.8	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
IV 900	89.6	91.0	91.5	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3
IV 800	90.2	91.9	92.5	92.7	93.0	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 700	90.5	92.4	93.1	93.3	93.6	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
IV 600	90.8	92.9	93.7	93.9	94.5	94.5	94.6	94.8	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1
IV 500	91.0	93.1	93.9	94.3	95.0	95.0	95.2	95.4	95.5	95.5	95.8	95.8	96.2	96.3	96.3	96.3
IV 400	91.0	93.2	94.0	94.4	95.4	95.4	95.6	95.7	96.0	96.0	96.4	96.4	96.8	96.9	96.9	96.9
IV 300	91.1	93.3	94.3	94.6	95.7	95.7	96.0	96.1	96.3	96.7	97.4	97.4	97.9	98.0	98.1	98.3
IV 200	91.1	93.3	94.3	94.6	95.7	95.7	96.0	96.1	96.3	96.7	97.4	97.4	98.3	98.6	98.9	99.4
IV 100	91.1	93.3	94.3	94.6	95.7	95.7	96.0	96.1	96.3	96.7	97.4	97.4	98.8	99.0	99.5	100.0
IV 0	91.1	93.3	94.3	94.6	95.7	95.7	96.0	96.1	96.3	96.7	97.4	97.4	98.8	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

840

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27-08

CANNON AFB NM

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	75.5	75.8	76.0	76.2	76.4	76.4	76.6	76.6	76.6	76.8	76.8	76.8	76.9	77.1	77.1	77.2
≥ 20000	77.9	78.3	78.5	78.8	79.0	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.5	79.7	79.7	79.9
≥ 18000	78.1	78.4	78.7	78.9	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.7	79.8	80.0
≥ 16000	78.2	78.5	78.8	79.0	79.3	79.3	79.4	79.4	79.4	79.7	79.7	79.7	79.8	79.9	79.9	80.1
≥ 14000	78.3	78.7	78.9	79.2	79.4	79.4	79.5	79.5	79.5	79.8	79.8	79.8	79.9	80.0	80.0	80.3
≥ 12000	78.3	78.7	78.9	79.2	79.4	79.4	79.5	79.5	79.5	79.8	79.8	79.8	79.9	80.0	80.0	80.3
≥ 10000	80.4	80.8	81.0	81.3	81.5	81.5	81.6	81.6	81.6	81.9	81.9	81.9	82.0	82.1	82.1	82.4
≥ 9000	80.5	80.9	81.1	81.4	81.6	81.6	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.1	82.2	82.5
≥ 8000	81.3	81.6	81.9	82.1	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.9	83.0	83.0	83.2
≥ 7000	81.8	82.1	82.4	82.6	82.9	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.4	83.5	83.5	83.7
≥ 6000	82.4	82.7	83.0	83.2	83.5	83.5	83.6	83.6	83.6	83.8	83.8	83.8	84.0	84.1	84.1	84.3
≥ 5000	83.0	83.4	83.6	83.8	84.1	84.1	84.2	84.2	84.2	84.5	84.5	84.5	84.6	84.7	84.7	85.0
≥ 4500	83.6	84.0	84.2	84.5	84.7	84.7	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.2	85.3	85.6
≥ 4000	83.8	84.2	84.5	84.7	85.0	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.5	85.6	85.6	85.8
≥ 3500	84.0	84.3	84.6	84.8	85.1	85.1	85.2	85.2	85.2	85.5	85.5	85.5	85.6	85.7	85.7	85.9
≥ 3000	84.8	85.2	85.6	85.8	86.1	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.6	86.7	86.7	86.9
≥ 2500	85.5	86.2	86.6	86.8	87.1	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.5	87.7	87.7	87.9
≥ 2000	86.2	87.3	87.7	87.9	88.2	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.7	88.8	88.8	89.0
≥ 1800	86.6	87.7	88.0	88.3	88.5	88.5	88.7	88.7	88.7	88.9	88.9	88.9	89.0	89.1	89.1	89.4
≥ 1500	87.1	88.2	88.7	88.9	89.1	89.1	89.3	89.3	89.3	89.5	89.5	89.5	89.6	89.8	89.8	90.0
≥ 1200	87.1	88.3	88.8	89.0	89.3	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.8	89.9	89.9	90.1
≥ 1000	87.2	88.7	89.3	89.8	90.0	90.0	90.3	90.3	90.3	90.5	90.5	90.5	90.6	90.8	90.8	91.0
≥ 900	87.3	88.8	89.4	90.0	90.3	90.3	90.5	90.8	90.8	91.0	91.0	91.0	91.1	91.2	91.2	91.5
≥ 800	87.5	89.1	89.8	90.4	90.6	90.6	91.0	91.2	91.2	91.5	91.5	91.5	91.6	91.7	91.7	92.0
≥ 700	88.4	90.3	90.9	91.5	91.7	91.7	92.1	92.5	92.5	92.7	92.8	92.8	93.0	93.1	93.1	93.3
≥ 600	88.9	90.9	91.6	92.2	92.5	92.5	92.8	93.2	93.2	93.5	93.6	93.6	93.7	93.8	93.8	94.2
≥ 500	89.0	91.0	91.7	92.4	92.6	92.6	93.0	93.5	93.5	93.7	94.1	94.1	94.3	94.5	94.5	94.8
≥ 400	89.0	91.0	91.7	92.4	92.8	93.0	93.5	94.0	94.0	94.2	94.6	94.6	95.2	95.3	95.3	95.7
≥ 300	89.0	91.0	92.0	92.6	93.3	93.6	94.1	94.7	94.8	95.2	95.6	95.6	96.8	97.0	97.3	97.7
≥ 200	89.0	91.0	92.0	92.6	93.3	93.6	94.1	94.7	94.8	95.3	95.7	95.7	97.4	97.7	98.2	98.9
≥ 100	89.1	91.1	92.1	92.7	93.5	93.7	94.2	94.8	94.9	95.4	95.9	95.9	97.7	97.9	98.6	99.9
≥ 0	89.1	91.1	92.1	92.7	93.5	93.7	94.2	94.8	94.9	95.4	95.9	95.9	97.7	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21.08

CANNON AFB NM

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	65.8	67.2	67.3	67.4	67.4	67.4	68.0	68.2	68.2	68.2	68.4	68.4	68.6	68.6	68.7	68.9
≥ 20000	70.3	72.0	72.1	72.2	72.2	72.2	72.8	73.0	73.0	73.1	73.4	73.4	73.6	73.6	73.7	74.0
≥ 18000	70.4	72.1	72.2	72.3	72.3	72.3	72.9	73.1	73.1	73.2	73.6	73.6	73.7	73.7	73.8	74.1
≥ 16000	70.7	72.3	72.4	72.6	72.6	72.6	73.1	73.3	73.3	73.4	73.8	73.8	73.9	73.9	74.0	74.3
≥ 14000	71.3	73.0	73.1	73.2	73.2	73.2	73.8	74.0	74.0	74.1	74.4	74.4	74.6	74.6	74.7	75.0
≥ 12000	72.4	74.1	74.2	74.3	74.3	74.3	74.9	75.1	75.1	75.2	75.6	75.6	75.7	75.7	75.8	76.1
≥ 10000	74.3	76.0	76.2	76.3	76.3	76.3	76.9	77.1	77.1	77.2	77.6	77.6	77.7	77.7	77.8	78.1
≥ 9000	74.3	76.0	76.2	76.3	76.3	76.3	76.9	77.1	77.1	77.2	77.6	77.6	77.7	77.7	77.8	78.1
≥ 8000	76.3	78.1	78.3	78.4	78.4	78.4	79.0	79.2	79.3	79.4	79.8	79.8	79.9	79.9	80.0	80.3
≥ 7000	77.1	78.9	79.1	79.2	79.2	79.2	79.8	80.0	80.1	80.2	80.6	80.6	80.7	80.7	80.8	81.1
≥ 6000	77.7	79.4	79.7	79.8	79.8	79.8	80.3	80.6	80.7	80.8	81.1	81.1	81.2	81.2	81.3	81.7
≥ 5000	78.1	80.0	80.2	80.3	80.3	80.3	80.9	81.1	81.2	81.3	81.7	81.7	81.8	81.8	81.9	82.2
≥ 4500	79.2	81.1	81.3	81.4	81.4	81.4	82.0	82.2	82.3	82.4	82.8	82.8	82.9	82.9	83.0	83.3
≥ 4000	80.4	82.4	82.7	82.8	82.8	82.8	83.4	83.7	83.8	83.9	84.2	84.2	84.3	84.3	84.4	84.8
≥ 3500	80.8	82.8	83.0	83.1	83.1	83.1	83.8	84.0	84.1	84.2	84.6	84.6	84.7	84.7	84.8	85.1
≥ 3000	80.9	83.0	83.2	83.3	83.3	83.3	84.0	84.2	84.3	84.4	84.8	84.8	84.9	84.9	85.0	85.3
≥ 2500	81.3	83.4	83.7	83.8	83.8	83.8	84.4	84.7	84.9	85.0	85.3	85.3	85.4	85.4	85.6	85.9
≥ 2000	81.6	83.9	84.1	84.2	84.2	84.2	84.9	85.2	85.4	85.6	85.9	85.9	86.0	86.0	86.1	86.4
≥ 1800	81.8	84.3	84.6	84.7	84.7	84.7	85.3	85.7	86.0	86.1	86.4	86.4	86.6	86.6	86.7	87.0
≥ 1500	82.3	84.9	85.1	85.2	85.2	85.3	86.0	86.3	86.7	86.8	87.1	87.1	87.2	87.2	87.3	87.7
≥ 1200	82.7	85.3	85.6	85.9	85.9	86.0	86.7	87.0	87.3	87.4	87.8	87.8	87.9	87.9	88.0	88.3
≥ 1000	83.0	86.0	86.4	86.6	86.7	86.9	87.6	87.9	88.2	88.3	88.7	88.7	88.8	88.8	88.9	89.2
≥ 900	83.3	86.6	87.0	87.1	87.2	87.4	88.1	88.4	88.8	88.9	89.2	89.2	89.3	89.3	89.4	89.8
≥ 800	83.6	86.6	87.2	87.3	87.4	87.7	88.3	88.7	89.0	89.1	89.4	89.4	89.6	89.6	89.7	90.0
≥ 700	84.2	87.7	88.1	88.2	88.3	88.6	89.2	89.6	90.0	90.1	90.4	90.4	90.6	90.6	90.7	91.0
≥ 600	84.6	88.2	88.7	88.8	88.9	89.1	89.8	90.1	90.6	90.7	91.0	91.0	91.1	91.1	91.2	91.6
≥ 500	84.7	88.6	89.1	89.7	89.8	90.0	90.7	91.2	91.7	91.8	92.4	92.4	92.7	92.7	92.9	93.3
≥ 400	84.7	88.6	89.2	89.9	90.0	90.2	91.2	92.1	92.6	93.0	93.8	93.8	94.3	94.3	94.6	95.2
≥ 300	84.7	88.6	89.2	89.9	90.2	90.4	91.7	92.8	93.6	94.0	95.0	95.0	95.8	95.9	96.1	97.0
≥ 200	84.7	88.6	89.2	90.0	90.3	90.7	91.9	93.1	94.0	94.6	95.7	95.8	96.6	96.7	97.3	99.2
≥ 100	84.7	88.6	89.2	90.0	90.4	90.8	92.0	93.2	94.1	94.7	95.8	95.9	96.7	96.9	97.6	100.0
≥ 0	84.7	88.6	89.2	90.0	90.4	90.8	92.0	93.2	94.1	94.7	95.8	95.9	96.7	96.9	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 66

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20 08

CANNON AFB NM

69-70, 73-80

NCV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.8	67.7	67.8	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	73.2	74.2	74.3	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	73.3	74.3	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	73.7	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	74.3	75.3	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	75.4	76.4	76.6	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	77.9	78.9	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	78.1	79.1	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000	79.3	80.4	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	79.6	80.7	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	80.4	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	81.6	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	82.0	83.1	83.2	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	83.0	84.1	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	84.0	85.1	85.2	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	84.4	85.7	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	85.4	86.7	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	85.7	86.9	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	85.8	87.0	87.2	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	86.2	87.4	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	87.0	88.4	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	88.1	90.3	90.6	90.8	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	88.4	91.2	91.4	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 800	88.8	92.0	92.4	92.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	89.0	92.3	92.8	93.2	93.4	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 600	89.1	92.6	93.1	93.6	93.9	94.0	94.4	94.6	94.6	94.9	95.0	95.0	95.1	95.1	95.1	95.1
≥ 500	89.4	93.1	93.7	94.2	94.6	94.7	95.3	95.6	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4
≥ 400	89.4	93.2	93.8	94.4	94.8	95.0	95.7	96.6	96.9	97.6	97.8	97.8	98.0	98.1	98.1	98.1
≥ 300	89.4	93.2	93.8	94.4	94.8	95.1	95.8	96.8	97.1	97.9	98.3	98.3	98.9	99.0	99.0	99.1
≥ 200	89.4	93.2	93.8	94.4	94.8	95.1	95.8	96.8	97.1	97.9	98.4	98.4	99.1	99.4	99.4	99.7
≥ 100	89.4	93.2	93.8	94.4	94.8	95.1	95.8	96.8	97.1	97.9	98.4	98.4	99.1	99.4	99.6	100.0
≥ 0	89.4	93.2	93.8	94.4	94.8	95.1	95.8	96.8	97.1	97.9	98.4	98.4	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM
JUL 68

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	71.2	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	78.3	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	78.4	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	78.5	79.2	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	79.2	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	79.5	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	81.5	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	82.0	82.6	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	83.3	84.3	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	84.1	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	84.9	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	86.2	87.2	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	86.3	87.3	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	87.5	88.5	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	88.2	89.2	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	88.9	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	89.9	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	90.7	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	90.8	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	91.3	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	92.1	93.5	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	92.7	94.5	95.2	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 900	92.9	94.9	95.8	95.8	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	93.2	95.3	96.0	96.2	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	93.5	96.0	96.7	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	93.5	96.2	97.0	97.2	97.7	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	93.5	96.2	97.0	97.2	97.8	98.0	98.1	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	93.5	96.3	97.1	97.3	97.9	98.1	98.2	98.4	98.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	93.5	96.3	97.1	97.3	97.9	98.1	98.3	98.8	98.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	93.5	96.3	97.1	97.3	97.9	98.1	98.3	98.8	98.9	98.9	99.4	99.4	99.6	99.8	99.8	99.8
≥ 100	93.5	96.3	97.1	97.3	97.9	98.1	98.3	98.8	98.9	98.9	99.4	99.4	99.7	99.9	99.9	99.9
≥ 0	93.5	96.3	97.1	97.3	97.9	98.1	98.3	98.8	98.9	98.9	99.4	99.4	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.08

CANNON AFB NM

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.6	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 20000	81.1	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	81.4	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 16000	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 14000	82.3	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 12000	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 10000	84.3	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 9000	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 8000	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 7000	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 6000	86.9	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 5000	87.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 4500	88.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4000	89.2	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3500	89.4	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3000	90.8	91.4	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	91.0	91.8	92.1	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	91.4	92.6	92.9	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	91.8	92.9	93.2	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1500	92.2	93.3	93.8	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1200	93.0	94.7	95.1	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1000	93.3	95.1	95.6	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 900	93.3	95.2	95.7	95.8	96.0	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
IV 800	93.6	95.4	95.9	96.0	96.2	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
IV 700	93.8	95.8	96.2	96.6	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
IV 600	93.8	95.9	96.3	96.9	97.3	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.2	98.2	98.2	98.2
IV 500	93.8	96.0	96.4	97.0	97.6	97.8	98.0	98.4	98.4	98.9	98.9	99.0	99.1	99.2	99.2	99.2
IV 400	93.8	96.0	96.4	97.0	97.7	97.9	98.1	98.6	98.8	99.2	99.2	99.3	99.6	99.7	99.7	99.7
IV 300	93.8	96.0	96.4	97.0	97.7	97.9	98.1	98.6	98.8	99.4	99.4	99.6	99.8	99.9	99.9	99.9
IV 200	93.8	96.0	96.4	97.0	97.7	97.9	98.1	98.6	98.8	99.4	99.4	99.6	99.8	99.9	99.9	99.9
IV 100	93.8	96.0	96.4	97.0	97.7	97.9	98.1	98.6	98.8	99.4	99.4	99.6	99.8	100.0	100.0	100.0
IV 0	93.8	96.0	96.4	97.0	97.7	97.9	98.1	98.6	98.8	99.4	99.4	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 20000	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	82.6	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 16000	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
IV 14000	83.2	83.4	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
IV 12000	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6
IV 10000	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
IV 9500	85.6	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
IV 8000	87.6	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
IV 7000	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 6000	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
IV 5000	89.2	89.4	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
IV 4500	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
IV 3500	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6
IV 3000	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV 2500	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	91.3	92.0	92.0	92.0	92.1	92.1	92.1	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
IV 1800	91.6	92.2	92.2	92.2	92.3	92.3	92.3	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IV 1500	91.9	92.6	92.6	92.6	92.7	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
IV 1200	92.8	93.6	93.6	93.6	93.8	93.8	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 1000	93.2	94.0	94.0	94.0	94.3	94.3	94.3	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
IV 900	93.6	94.3	94.3	94.3	94.6	94.6	94.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
IV 800	93.9	94.7	94.7	94.7	95.1	95.1	95.1	95.9	95.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2
IV 700	93.9	94.7	94.7	94.7	95.0	95.0	95.0	96.1	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4
IV 600	93.9	94.9	94.9	94.9	95.2	95.2	95.2	96.3	96.3	96.3	96.9	97.1	97.1	97.2	97.2	97.2
IV 500	93.9	95.0	95.0	95.0	95.6	95.6	95.6	96.2	96.2	96.2	97.0	97.7	97.7	97.9	98.0	98.1
IV 400	93.9	95.1	95.1	95.1	95.7	95.7	95.7	96.4	96.4	96.4	97.3	97.3	98.3	98.6	98.6	98.8
IV 300	93.9	95.1	95.1	95.1	95.7	95.7	95.7	96.4	96.4	96.4	97.4	97.4	98.6	98.8	98.8	98.9
IV 200	93.9	95.1	95.1	95.1	95.7	95.7	95.7	96.4	96.4	96.4	97.4	97.4	98.6	98.8	98.8	98.9
IV 100	93.9	95.1	95.1	95.1	95.7	95.7	95.7	96.4	96.4	96.4	97.4	97.4	98.6	98.8	98.8	99.1
IV 0	93.9	95.1	95.1	95.1	95.7	95.7	95.7	96.4	96.4	96.4	97.4	97.4	98.6	98.8	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.0-23.00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 18000	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 16000	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 14000	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 12000	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	89.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	90.2	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	91.8	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	92.4	93.2	93.3	93.3	93.3	93.3	93.3	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	92.9	93.7	93.8	93.8	93.8	93.8	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	93.3	94.4	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	93.6	94.9	95.2	95.3	95.3	95.3	95.3	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	94.0	95.4	95.8	95.9	95.9	95.9	96.1	96.8	96.8	97.0	97.2	97.2	97.6	97.6	97.6	97.6
≥ 400	94.0	95.4	95.8	96.0	96.0	96.0	96.2	96.9	96.9	97.3	97.6	97.6	97.9	97.9	97.9	97.9
≥ 300	94.0	95.4	95.8	96.0	96.0	96.0	96.2	97.0	97.1	97.6	97.9	97.9	98.3	98.3	98.4	99.0
≥ 200	94.0	95.4	95.8	96.0	96.0	96.0	96.2	97.0	97.1	97.7	98.0	98.0	98.4	98.4	98.8	99.3
≥ 100	94.0	95.4	95.8	96.0	96.0	96.0	96.2	97.0	97.1	97.7	98.0	98.0	98.8	98.8	99.1	100.0
≥ 0	94.0	95.4	95.8	96.0	96.0	96.0	96.2	97.0	97.1	97.7	98.0	98.0	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.06

CANNON AFB NM

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	73.7	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8
≥ 20000	78.3	78.9	79.0	79.1	79.1	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5
≥ 18000	78.4	79.0	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.7
≥ 16000	78.5	79.1	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.8
≥ 14000	78.9	79.5	79.7	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2
≥ 12000	79.6	80.2	80.3	80.4	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9
≥ 10000	81.3	81.9	82.1	82.1	82.2	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6
≥ 9000	81.5	82.3	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8
≥ 8000	83.0	83.6	83.8	83.8	83.9	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.5
≥ 7000	83.4	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8
≥ 6000	84.2	84.9	85.1	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6
≥ 5000	85.0	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4
≥ 4500	85.4	86.1	86.3	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8
≥ 4000	86.1	86.9	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6
≥ 3500	86.5	87.3	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	88.0
≥ 3000	87.0	87.9	88.1	88.1	88.2	88.2	88.4	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7
≥ 2500	87.6	88.5	88.8	88.8	89.0	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4
≥ 2000	88.1	89.2	89.5	89.6	89.7	89.7	89.8	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2
≥ 1800	88.4	89.5	89.8	89.9	90.0	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5
≥ 1500	88.8	90.0	90.3	90.4	90.5	90.5	90.7	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1
≥ 1200	89.4	90.7	91.1	91.2	91.3	91.3	91.4	91.5	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 1000	89.8	91.5	91.9	92.0	92.2	92.3	92.4	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.9
≥ 900	90.2	91.9	92.4	92.5	92.7	92.8	93.0	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.6
≥ 800	90.5	92.4	92.9	93.0	93.3	93.3	93.5	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.2
≥ 700	90.9	93.0	93.4	93.7	93.9	94.0	94.2	94.5	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.0
≥ 600	91.0	93.3	93.9	94.2	94.5	94.6	94.8	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.7	95.7
≥ 500	91.2	93.6	94.1	94.6	95.0	95.0	95.4	95.8	95.9	96.2	96.4	96.5	96.6	96.7	96.7	96.8
≥ 400	91.2	93.6	94.2	94.7	95.1	95.1	95.6	96.2	96.4	96.8	97.1	97.1	97.5	97.5	97.6	97.7
≥ 300	91.2	93.7	94.3	94.7	95.3	95.4	95.9	96.5	96.8	97.3	97.8	97.8	98.3	98.4	98.4	98.7
≥ 200	91.2	93.7	94.3	94.7	95.3	95.5	95.9	96.6	96.8	97.4	97.9	97.9	98.5	98.7	98.9	99.4
≥ 100	91.2	93.7	94.3	94.8	95.3	95.5	95.9	96.6	96.9	97.4	97.9	98.0	98.7	98.9	99.2	100.0
≥ 0	91.2	93.7	94.3	94.8	95.3	95.5	95.9	96.6	96.9	97.4	97.9	98.0	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7056

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23-08

CANNON AFB NM

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 20000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
IV 18000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
IV 16000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
IV 14000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
IV 12000	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
IV 10000	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
IV 9000	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
IV 8000	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 7000	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
IV 6000	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
IV 5000	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
IV 4500	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
IV 4000	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
IV 3500	89.6	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
IV 3000	90.1	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
IV 2500	90.6	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
IV 2000	90.7	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
IV 1800	90.7	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
IV 1500	91.5	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
IV 1200	91.9	92.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
IV 1000	92.7	93.2	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
IV 900	93.1	93.5	93.7	94.0	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
IV 800	93.4	94.0	94.1	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
IV 700	93.5	94.1	94.2	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
IV 600	93.5	94.2	94.5	94.9	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
IV 500	93.7	94.4	94.8	95.4	95.7	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.5
IV 400	93.7	94.4	95.2	95.9	96.4	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.6
IV 300	93.7	94.4	95.2	95.9	96.5	96.7	97.0	97.1	97.6	97.8	97.8	97.8	97.8	97.8	98.3	98.4
IV 200	93.7	94.4	95.2	95.9	96.5	96.7	97.0	97.1	97.6	97.8	97.9	97.9	98.0	98.0	98.6	98.8
IV 100	93.7	94.4	95.2	95.9	96.5	96.7	97.0	97.1	97.6	97.8	98.0	98.0	98.4	98.5	99.4	99.8
IV 0	93.7	94.4	95.2	95.9	96.5	96.7	97.0	97.1	97.6	97.8	98.0	98.0	98.4	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

866

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2108

CANNON AFB NM

69-70,74-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.2
≥ 20000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.6	82.6	82.6	82.7
≥ 18000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.6	82.6	82.6	82.7
≥ 16000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.6	82.6	82.6	82.7
≥ 14000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.2	83.2	83.2	83.3
≥ 12000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.3
≥ 10000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.3	86.3	86.3	86.4
≥ 9500	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.6
≥ 8000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.2
≥ 7000	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.5	87.5	87.5	87.6
≥ 6000	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.4
≥ 5000	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.9	88.9	88.9	89.0
≥ 4500	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.4
≥ 4000	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.4
≥ 3500	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.5	89.5	89.5	89.6
≥ 3000	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.4	90.6	90.7	90.7	90.7	90.8
≥ 2500	89.8	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.2	91.3	91.3	91.3	91.4
≥ 2000	90.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.1	92.2	92.4	92.4	92.4	92.5
≥ 1800	90.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.5	92.6	92.7	92.7	92.7	92.8
≥ 1500	91.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.3
≥ 1200	91.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.7	93.8	93.9	93.9	93.9	94.0
≥ 1000	92.6	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.5	94.6	94.7	94.7	94.7	94.9
≥ 900	93.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.9	95.0	95.1	95.2	95.2	95.2	95.3
≥ 800	93.2	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.2	95.3	95.5	95.5	95.5	95.6
≥ 700	93.3	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.5	95.6	95.7	95.7	95.7	95.8
≥ 600	93.3	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.6	95.7	95.9	95.9	95.9	96.1
≥ 500	93.4	95.2	95.5	95.6	95.7	95.7	95.9	95.9	96.1	96.2	96.4	96.5	96.8	96.8	96.8	96.9
≥ 400	93.9	95.7	95.9	96.1	96.3	96.3	96.5	96.5	96.7	96.8	97.0	97.1	97.4	97.4	97.4	97.5
≥ 300	93.9	95.8	96.1	96.3	96.5	96.7	96.9	96.9	97.0	97.1	97.4	97.5	98.1	98.1	98.1	98.2
≥ 200	93.9	95.8	96.1	96.3	96.5	96.7	96.9	96.9	97.0	97.3	97.5	97.6	98.3	98.3	98.3	98.4
≥ 100	93.9	95.8	96.1	96.3	96.5	96.7	96.9	96.9	97.0	97.3	97.6	97.7	98.6	98.6	98.9	99.5
≥ 0	93.9	95.8	96.1	96.3	96.5	96.7	96.9	96.9	97.0	97.3	97.6	97.7	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 537

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 CS

CANNON AFB NM

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	72.4	73.7	73.8	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.4	74.6	74.7
≥ 20000	79.0	80.3	80.4	80.4	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9	81.1	81.3	81.4
≥ 18000	79.1	80.4	80.5	80.5	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.2	81.4	81.5
≥ 16000	79.2	80.5	80.6	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.3	81.5	81.6
≥ 14000	79.7	81.0	81.1	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.7	81.9	82.0
≥ 12000	81.1	82.4	82.5	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.1	83.3	83.4
≥ 10000	83.4	84.8	84.9	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.7	85.9	86.0
≥ 9000	83.4	84.8	84.9	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.7	85.9	86.0
≥ 8000	84.7	86.1	86.2	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.8	87.0	87.2	87.3
≥ 7000	84.8	86.5	86.6	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.3	87.6
≥ 6000	85.3	86.9	87.0	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.7	88.0	88.1
≥ 5000	86.1	87.7	87.8	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.6	88.8	88.9
≥ 4500	86.5	88.2	88.3	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.8	89.0	89.2	89.4
≥ 4000	86.6	88.3	88.4	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.9	89.1	89.4	89.5
≥ 3500	86.8	88.5	88.6	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.4	89.6	89.7
≥ 3000	87.3	89.2	89.4	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.3	90.5	90.6
≥ 2500	87.8	89.9	90.1	90.2	90.5	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.3	91.5	91.7	91.8
≥ 2000	88.5	90.5	90.9	91.0	91.3	91.5	91.6	91.7	91.7	91.7	91.8	91.8	92.0	92.3	92.5	92.6
≥ 1800	88.7	90.9	91.3	91.4	91.7	91.9	92.0	92.2	92.2	92.2	92.3	92.3	92.5	92.7	92.9	93.0
≥ 1500	89.5	91.6	92.0	92.2	92.5	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.3	93.5	93.8	93.9
≥ 1200	89.7	92.2	92.6	92.7	93.0	93.2	93.3	93.5	93.5	93.5	93.7	93.7	93.9	94.1	94.3	94.4
≥ 1000	90.4	92.9	93.3	93.4	93.9	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.7	94.9	95.2	95.3
≥ 900	90.8	93.3	93.9	94.1	94.6	94.8	94.9	95.2	95.2	95.2	95.4	95.4	95.6	95.8	96.0	96.1
≥ 800	91.1	93.8	94.3	94.5	95.1	95.3	95.4	95.7	95.7	95.7	95.9	95.9	96.1	96.3	96.6	96.7
≥ 700	91.1	93.9	94.4	94.6	95.3	95.5	95.7	96.2	96.2	96.3	96.6	96.6	96.8	97.0	97.2	97.3
≥ 600	91.1	94.1	94.7	94.9	95.6	95.8	96.0	96.7	96.7	96.9	97.1	97.1	97.3	97.5	97.7	97.8
≥ 500	91.1	94.1	94.7	94.9	95.6	95.8	96.0	96.7	96.7	96.9	97.1	97.2	97.4	97.6	97.8	98.0
≥ 400	91.1	94.1	94.7	94.9	95.7	95.9	96.1	96.9	96.9	97.2	97.4	97.5	97.8	98.3	98.6	98.7
≥ 300	91.1	94.2	94.8	95.1	95.9	96.1	96.5	97.3	97.3	97.6	97.8	98.0	98.3	98.7	99.0	99.2
≥ 200	91.1	94.2	94.8	95.1	95.9	96.1	96.6	97.4	97.4	97.7	98.1	98.2	98.5	98.9	99.5	100.0
≥ 100	91.1	94.2	94.8	95.1	95.9	96.1	96.6	97.4	97.4	97.7	98.1	98.2	98.5	98.9	99.5	100.0
≥ 0	91.1	94.2	94.8	95.1	95.9	96.1	96.6	97.4	97.4	97.7	98.1	98.2	98.5	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 08

CANNON AFB NM

69-7C,73-8F

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0907-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
≥ 20000	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 18000	80.2	80.6	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 16000	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 14000	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 12000	82.8	83.2	83.4	83.4	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 10000	85.6	86.1	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 9000	85.7	86.2	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
≥ 8000	86.6	87.1	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 7000	87.2	87.7	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 6000	87.8	88.4	89.0	89.0	89.0	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5
≥ 5000	88.4	88.9	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 4500	88.4	88.9	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 4000	88.6	89.1	89.8	90.0	90.0	90.0	90.0	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6
≥ 3500	88.8	89.4	90.0	90.2	90.2	90.2	90.2	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.9	90.9
≥ 3000	89.5	90.0	90.6	91.0	91.2	91.2	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9
≥ 2500	89.6	90.1	90.8	91.1	91.4	91.4	91.5	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.3	92.3
≥ 2000	90.1	90.6	91.3	91.6	91.9	91.9	92.0	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8
≥ 1800	90.5	91.1	91.7	92.0	92.4	92.4	92.5	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.2	93.2
≥ 1500	90.9	91.4	92.0	92.4	92.7	92.7	92.8	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.5	93.5
≥ 1200	91.6	92.4	93.0	93.3	93.7	93.7	93.8	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.6	94.6
≥ 1000	92.0	93.2	94.1	94.4	94.7	94.7	94.9	95.5	95.6	95.7	95.9	95.9	96.0	96.0	96.1	96.1
≥ 900	92.2	93.3	94.2	94.5	95.1	95.2	95.4	96.1	96.2	96.3	96.6	96.6	96.6	96.7	96.8	96.8
≥ 800	92.2	93.3	94.2	94.6	95.3	95.5	95.7	96.6	96.9	97.2	97.5	97.5	97.5	97.7	97.8	97.8
≥ 700	92.2	93.4	94.3	94.7	95.5	95.7	95.9	96.8	97.2	97.5	97.8	97.8	98.1	98.1	98.2	98.2
≥ 600	92.2	93.4	94.3	94.7	95.5	95.7	95.9	96.8	97.3	97.6	98.0	98.0	98.2	98.2	98.3	98.3
≥ 500	92.3	93.5	94.4	94.9	95.8	96.0	96.2	97.3	97.8	98.3	98.6	98.6	98.8	98.8	98.9	98.9
≥ 400	92.3	93.5	94.4	95.1	95.9	96.2	96.5	97.5	98.1	98.5	98.8	98.8	99.2	99.2	99.4	99.4
≥ 300	92.3	93.5	94.4	95.1	95.9	96.2	96.5	97.6	98.2	98.6	98.9	98.9	99.4	99.4	99.5	99.5
≥ 200	92.3	93.5	94.4	95.1	95.9	96.2	96.5	97.6	98.2	98.6	98.9	98.9	99.4	99.4	99.5	99.5
≥ 100	92.3	93.5	94.4	95.1	95.9	96.2	96.5	97.7	98.3	98.7	99.0	99.0	99.6	99.6	99.7	99.7
≥ 0	92.3	93.5	94.4	95.1	95.9	96.2	96.5	97.7	98.3	98.7	99.0	99.0	99.6	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

937

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 DB

CANNON AFB NM

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 0-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.2	73.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	83.3	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 18000	84.4	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 16000	84.4	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 14000	84.7	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 12000	86.1	86.2	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	87.7	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 9000	88.7	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	89.4	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 7000	89.7	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	90.5	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 5000	90.4	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	91.5	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 4000	91.7	91.3	91.3	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	91.1	91.4	91.4	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	91.8	92.7	92.9	93.1	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	92.0	93.0	93.2	93.4	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2000	92.8	93.9	94.2	94.4	94.5	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	92.9	94.0	94.3	94.5	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1500	93.1	94.3	94.6	94.8	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	93.4	94.6	94.9	95.3	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1000	93.9	95.2	95.5	95.9	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	93.9	95.2	95.5	95.9	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 800	94.1	95.5	95.8	96.3	96.6	96.6	96.8	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	94.1	95.6	96.0	96.6	96.9	96.9	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	94.1	95.6	96.0	96.6	97.0	97.1	97.4	97.5	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0
≥ 500	94.1	95.6	96.0	96.6	97.0	97.1	97.6	97.8	98.1	98.2	98.6	98.6	98.7	98.7	98.7	98.7
IV 400	94.1	95.6	96.0	96.6	97.0	97.1	97.6	98.0	98.3	98.4	98.8	98.8	98.9	98.9	98.9	98.9
≥ 300	94.1	95.6	96.0	96.7	97.1	97.2	97.8	98.2	98.5	98.6	99.0	99.0	99.5	99.5	99.5	99.5
IV 200	94.1	95.6	96.0	96.7	97.1	97.3	98.0	98.3	98.6	98.7	99.1	99.1	99.6	99.6	99.6	99.6
≥ 100	94.1	95.6	96.0	96.7	97.1	97.3	98.0	98.3	98.6	98.7	99.1	99.1	99.6	99.6	99.7	99.7
IV 0	94.1	95.6	96.0	96.7	97.1	97.3	98.0	98.3	98.6	98.7	99.1	99.1	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

2308

CANNON AFB NM

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 20000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 12000	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 9000	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	90.5	90.6	90.6	90.6	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 5000	91.5	91.7	91.7	91.8	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	92.5	92.8	92.8	92.9	92.9	92.9	92.9	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	94.2	94.5	94.5	94.6	94.6	94.6	94.6	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	94.5	94.8	94.8	95.0	95.0	95.0	95.0	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	95.0	95.4	95.4	95.6	95.6	95.6	95.6	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	95.4	95.7	95.7	95.9	95.9	95.9	95.9	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	95.6	95.9	95.9	96.1	96.1	96.1	96.2	96.7	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0
≥ 1000	95.7	96.1	96.1	96.3	96.4	96.4	96.6	97.0	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4
≥ 900	95.7	96.1	96.1	96.3	96.4	96.6	96.7	97.1	97.1	97.3	97.7	97.8	97.8	97.8	97.8	97.8
≥ 800	95.7	96.2	96.2	96.4	96.6	96.7	96.8	97.2	97.2	97.4	98.0	98.1	98.1	98.1	98.1	98.1
≥ 700	95.7	96.2	96.3	96.6	96.7	96.8	97.0	97.4	97.4	97.6	98.2	98.3	98.3	98.3	98.3	98.3
≥ 600	95.7	96.3	96.4	96.8	96.9	97.0	97.2	97.7	97.7	98.0	98.6	98.7	98.8	98.8	98.8	98.8
≥ 500	95.7	96.3	96.4	96.8	96.9	97.0	97.2	97.7	97.7	98.3	98.9	99.0	99.1	99.1	99.1	99.1
≥ 400	95.7	96.3	96.4	96.8	96.9	97.0	97.2	97.7	97.8	98.4	99.0	99.1	99.2	99.2	99.2	99.2
≥ 300	95.7	96.3	96.4	96.8	96.9	97.0	97.2	97.8	98.1	98.6	99.2	99.4	99.5	99.5	99.5	99.5
≥ 200	95.7	96.3	96.4	96.8	96.9	97.0	97.2	97.8	98.2	98.8	99.5	99.6	99.7	99.7	99.7	99.7
≥ 100	95.7	96.3	96.4	96.8	96.9	97.0	97.2	97.8	98.2	98.8	99.5	99.6	99.8	99.8	99.8	99.8
≥ 0	95.7	96.3	96.4	96.8	96.9	97.0	97.2	97.8	98.2	98.8	99.5	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 08

CANNON AFB NM

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18000	85.0	85.3	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	85.0	85.3	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 14000	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	86.6	86.9	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 10000	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	92.4	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	93.1	93.6	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	93.4	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	94.4	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	94.4	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	94.5	95.5	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	94.7	95.7	95.9	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	94.8	95.9	96.1	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	94.9	96.0	96.2	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9
≥ 800	95.5	96.5	96.8	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	95.5	96.5	96.8	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	95.5	96.5	96.8	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	95.5	96.5	97.2	97.3	97.5	97.6	97.7	98.0	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	95.5	96.5	97.3	97.4	97.6	97.7	97.8	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	95.5	96.5	97.3	97.4	97.6	97.7	97.8	98.1	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	95.5	96.5	97.3	97.4	97.6	97.7	97.8	98.1	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.6
≥ 100	95.5	96.5	97.3	97.4	97.6	97.7	97.8	98.1	98.4	99.0	99.5	99.6	99.6	99.6	99.6	99.7
≥ 0	95.5	96.5	97.3	97.4	97.6	97.7	97.8	98.1	98.4	99.0	99.5	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

927

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27.08

CANNON AFB NM

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 20000	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 18000	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	92.7	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	92.8	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	92.8	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	93.3	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	93.3	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	93.9	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	94.0	94.5	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	94.3	94.8	95.0	95.0	95.0	95.0	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	94.6	95.4	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	94.6	95.5	95.8	95.8	95.8	95.8	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	94.6	95.5	95.9	95.9	96.2	96.2	96.8	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	94.7	95.6	96.0	96.1	96.5	96.5	97.2	97.4	97.5	98.0	98.1	98.1	98.3	98.3	98.3	98.3
≥ 300	94.7	95.6	96.0	96.1	96.5	96.5	97.3	97.5	97.6	98.2	98.3	98.5	98.7	98.7	98.7	98.7
≥ 200	94.7	95.6	96.0	96.1	96.5	96.5	97.3	97.5	97.6	98.2	98.3	98.6	98.9	98.9	98.9	98.9
≥ 100	94.7	95.6	96.0	96.1	96.5	96.5	97.3	97.5	97.6	98.5	98.6	98.9	99.2	99.2	99.4	99.7
≥ 0	94.7	95.6	96.0	96.1	96.5	96.5	97.3	97.5	97.6	98.5	98.6	98.9	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23.08

CANNON AFB NM

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.4	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.2
≥ 20000	82.8	83.1	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 18000	83.1	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 16000	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.9
≥ 14000	83.5	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
≥ 12000	84.9	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
≥ 10000	86.9	87.3	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 9000	87.1	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9
≥ 8000	88.1	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0
≥ 7000	88.3	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.3
≥ 6000	88.8	89.4	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9
≥ 5000	89.3	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.4
≥ 4500	89.8	90.4	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.9
≥ 4000	90.1	90.7	90.8	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3
≥ 3500	90.3	90.9	91.0	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5
≥ 3000	91.0	91.7	91.9	92.0	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.5
≥ 2500	91.3	92.1	92.3	92.5	92.6	92.6	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.1
≥ 2000	91.9	92.7	93.0	93.1	93.2	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7
≥ 1800	92.0	92.9	93.1	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9
≥ 1500	92.4	93.3	93.6	93.8	93.9	93.9	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4
≥ 1200	92.8	93.8	94.1	94.2	94.4	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥ 1000	93.3	94.4	94.7	94.9	95.0	95.1	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.7
≥ 900	93.4	94.6	94.9	95.1	95.3	95.4	95.5	95.7	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.2
≥ 800	93.7	94.9	95.2	95.4	95.7	95.7	95.9	96.1	96.2	96.3	96.5	96.5	96.6	96.6	96.7	96.7
≥ 700	93.7	95.0	95.4	95.6	95.9	95.9	96.1	96.4	96.5	96.6	96.8	96.8	96.9	96.9	97.0	97.0
≥ 600	93.7	95.1	95.5	95.8	96.0	96.1	96.3	96.6	96.7	96.8	97.1	97.1	97.2	97.3	97.3	97.3
≥ 500	93.8	95.2	95.8	95.9	96.3	96.4	96.7	97.1	97.3	97.5	97.8	97.8	98.0	98.0	98.0	98.1
≥ 400	93.9	95.3	95.8	96.1	96.6	96.7	97.0	97.4	97.6	97.9	98.2	98.3	98.4	98.5	98.6	98.6
≥ 300	93.9	95.3	95.8	96.2	96.6	96.8	97.1	97.6	97.8	98.2	98.5	98.6	98.8	98.9	99.0	99.0
≥ 200	93.9	95.3	95.8	96.2	96.6	96.8	97.2	97.6	97.9	98.3	98.6	98.7	99.0	99.1	99.2	99.3
≥ 100	93.9	95.3	95.8	96.2	96.6	96.8	97.2	97.6	97.9	98.3	98.7	98.8	99.2	99.2	99.5	99.7
≥ 0	93.9	95.3	95.8	96.2	96.6	96.8	97.2	97.6	97.9	98.3	98.7	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7278

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 08

CANNON AFB NM

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	70.3	71.0	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7
≥ 20000	76.6	77.5	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 18000	76.9	77.8	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 16000	77.1	77.9	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
≥ 14000	77.5	78.4	78.6	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1
≥ 12000	78.9	79.9	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6
≥ 10000	81.4	82.4	82.6	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 9000	81.5	82.5	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3
≥ 8000	82.9	83.9	84.1	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.7
≥ 7000	83.3	84.3	84.5	84.7	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1
≥ 6000	84.0	85.1	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 5000	85.1	86.3	86.6	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 4500	85.5	86.8	87.0	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7
≥ 4000	86.8	88.1	88.4	88.6	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 3500	87.3	88.7	89.1	89.3	89.4	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8
≥ 3000	88.2	89.8	90.1	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 2500	88.7	90.4	90.7	91.0	91.2	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
≥ 2000	89.2	91.0	91.4	91.6	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1800	89.4	91.3	91.7	91.9	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 1500	90.0	91.9	92.3	92.6	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1200	90.4	92.5	92.9	93.2	93.5	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 1000	90.9	93.2	93.7	94.0	94.3	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.9
≥ 900	91.1	93.5	94.0	94.4	94.7	94.7	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3
≥ 800	91.3	93.8	94.4	94.8	95.1	95.2	95.3	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.9
≥ 700	91.5	94.1	94.7	95.2	95.5	95.6	95.8	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4
≥ 600	91.6	94.4	95.1	95.5	95.9	96.0	96.2	96.4	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.9
≥ 500	91.8	94.7	95.4	96.0	96.5	96.6	96.9	97.1	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.8
≥ 400	91.8	94.8	95.6	96.2	96.9	97.0	97.4	97.7	97.8	98.0	98.2	98.2	98.3	98.4	98.4	98.5
≥ 300	91.8	94.9	95.7	96.3	97.0	97.1	97.5	97.9	98.1	98.3	98.5	98.6	98.8	98.8	98.9	99.0
≥ 200	91.8	94.9	95.7	96.3	97.0	97.2	97.6	98.0	98.2	98.5	98.7	98.8	99.1	99.2	99.3	99.5
≥ 100	91.8	94.9	95.7	96.3	97.0	97.2	97.6	98.0	98.2	98.5	98.8	98.8	99.2	99.3	99.5	99.9
≥ 0	91.8	94.9	95.7	96.3	97.0	97.2	97.6	98.0	98.2	98.5	98.8	98.8	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 84967

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

SKY COVER

23.08
STATION

CANNON AFB NM

70,73-81

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	41.2			19.3						11.5	28.1	4.4	777
	03-05	42.7			17.2						11.6	28.5	4.4	743
	06-08	24.8			24.6						18.2	32.4	5.6	927
	09-11	21.0			24.4						22.2	32.4	6.0	927
	12-14	20.3			29.2						19.6	30.9	5.7	930
	15-17	18.7			32.8						20.5	28.0	5.6	929
	18-20	30.0			29.5						16.3	24.2	4.8	930
	21-23	42.1			21.6						12.4	23.9	4.2	925
TOTALS		30.1			24.8						16.5	28.6	5.1	7088

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

FEB

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	49.4			16.7						11.5	22.4	3.8	729
	03-05	46.0			19.8						9.2	25.0	3.9	696
	06-08	25.0			29.2						16.8	28.9	5.3	843
	09-11	19.1			30.9						22.4	27.6	5.7	841
	12-14	16.8			31.5						25.2	26.4	5.9	840
	15-17	14.9			34.4						26.7	24.0	5.8	838
	18-20	26.4			35.2						16.8	21.6	4.7	838
	21-23	42.6			22.8						13.5	21.1	4.0	838
TOTALS		30.0			27.6						17.8	24.6	4.9	6463

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

2309
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
PERIOD

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	48.5			20.3						10.1	21.1	3.6	814
	03-05	45.4			20.8						8.3	25.4	3.9	782
	06-08	24.5			31.2						18.7	25.7	5.2	927
	09-11	22.5			31.2						19.9	26.3	5.4	923
	12-14	18.2			35.0						22.6	24.2	5.5	923
	15-17	16.3			35.5						22.7	25.5	5.7	919
	18-20	26.8			35.9						17.9	19.4	4.6	928
	21-23	47.0			24.6						9.6	18.8	3.5	926
TOTALS		31.2			29.3						16.2	23.3	4.7	7142

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23008

CANNON AFB NM

69-70,73-80

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	51.3			23.5						10.9	14.3	3.1	783
	03-05	43.6			26.8						11.9	17.7	3.6	762
	06-08	31.5			25.7						20.8	22.0	4.8	899
	09-11	28.4			30.5						21.7	19.5	4.8	899
	12-14	20.0			36.1						23.4	20.5	5.2	893
	15-17	20.1			32.4						27.0	20.5	5.5	897
	18-20	27.1			34.1						24.1	14.7	4.7	897
	21-23	46.9			26.9						12.1	14.1	3.3	893
TOTALS		33.6			29.5						19.0	17.9	4.4	6923

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

SKY COVER

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	49.7			19.0						14.5	16.8	3.6	805
	03-05	36.7			27.8						14.8	20.8	4.2	771
	06-08	27.7			29.7						20.8	21.8	4.9	928
	09-11	28.2			32.9						17.8	21.1	4.7	930
	12-14	17.8			39.6						24.5	18.1	5.2	929
	15-17	14.8			41.5						26.3	17.5	5.4	928
	18-20	22.0			37.2						21.1	19.7	5.0	929
	21-23	41.9			27.7						12.7	17.7	3.7	928
TOTALS		29.9			31.9						19.1	19.2	4.6	7148

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23008

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	48.2			22.7						12.7	16.4	3.5	766
	03-05	33.7			35.4						16.5	14.4	4.0	745
	06-08	29.1			40.9						15.8	14.2	4.1	897
	09-11	31.2			40.9						17.4	10.6	3.8	898
	12-14	21.2			47.6						21.7	9.5	4.3	895
	15-17	14.9			43.0						27.4	14.6	5.2	897
	18-20	21.2			36.2						26.3	16.3	5.1	897
	21-23	42.4			29.1						13.3	15.3	3.6	897
TOTALS		30.2			37.0						18.9	13.9	4.2	6892

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

27 05

CANNON AFB NM

69-70, 73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	37.6			29.2						16.6	16.5	4.0	629
	03-05	25.2			43.0						17.7	14.1	4.3	627
	06-08	13.9			48.0						22.8	15.3	5.0	929
	09-11	14.5			52.2						21.6	11.7	4.7	930
	12-14	5.3			52.2						29.3	7.2	5.1	929
	15-17	3.4			53.7						34.4	8.5	5.6	930
	18-20	4.2			45.4						34.7	15.7	6.1	930
	21-23	22.2			40.1						18.8	18.9	4.8	930
TOTALS		15.8			46.2						24.5	13.5	5.0	7234

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SKY COVER

23008

CANNON AFB NM

69-70,73-80

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	34.9			31.5						14.5	19.2	4.2	851
	03-05	32.7			34.2						15.8	17.3	4.2	849
	06-08	20.9			43.8						19.9	15.4	4.6	928
	09-11	22.3			45.9						20.2	11.6	4.4	928
	12-14	11.1			57.6						22.3	9.0	4.6	930
	15-17	7.8			52.9						30.6	8.8	5.2	929
	18-20	14.1			43.1						28.0	14.8	5.3	930
	21-23	28.8			38.3						18.0	14.9	4.3	930
TOTALS		21.6			43.4						21.2	13.9	4.6	7275

2

SKY COVER

CANNON AFB NM

69-70, 73-83

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	44.2			19.9						11.0	24.9	4.1	810
	03-05	40.0			22.1						14.4	23.5	4.3	810
	06-08	23.7			30.4						19.2	26.8	5.3	896
	09-11	24.4			30.2						22.1	23.2	5.2	900
	12-14	18.0			38.6						24.2	19.2	5.3	900
	15-17	16.0			41.9						23.7	18.4	5.2	900
	18-20	26.0			35.9						21.4	16.7	4.7	900
	21-23	42.0			24.7						15.5	17.6	3.9	899
TOTALS		29.3			30.5						18.9	21.3	4.8	7015

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

27.08

CANNON AFB NM

69-70, 73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	60.6			14.9						6.1	18.4	2.8	850
	03-05	60.1			13.7						7.6	18.5	2.9	838
	06-08	36.6			29.5						14.3	19.6	4.1	922
	09-11	37.8			29.7						13.6	18.9	4.0	929
	12-14	32.5			33.1						18.2	16.2	4.3	930
	15-17	33.3			34.2						19.0	13.4	4.1	930
	18-20	47.9			26.7						12.9	12.5	3.2	929
	21-23	57.2			20.1						7.6	15.1	2.8	929
TOTALS		45.8			25.2						12.4	16.6	3.5	7257

2

SKY COVER

STATION

STATION NAME

PERIOD _____

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	57.2			16.0						9.9	16.9	3.1	639
	03-05	57.0			16.1						7.7	19.1	3.1	805
	06-08	29.9			30.8						18.8	20.5	4.7	896
	09-11	24.7			34.0						20.6	20.8	4.9	900
	12-14	22.6			37.5						22.0	17.9	4.9	899
	15-17	23.9			39.3						20.3	16.5	4.7	898
	18-20	42.7			29.5						12.5	15.4	3.5	699
	21-23	52.7			18.4						12.0	16.9	3.3	699
TOTALS		38.8			27.7						15.5	18.0	4.0	7035

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

DEC

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	53.6			18.9						10.8	16.7	3.2	868
	03-05	55.3			17.4						10.3	17.0	3.1	835
	06-08	29.8			34.4						18.9	16.9	4.4	927
	09-11	22.9			34.4						22.2	20.5	5.1	929
	12-14	23.2			34.3						24.0	18.5	5.0	930
	15-17	23.3			36.3						22.7	17.7	4.9	926
	18-20	37.4			32.0						15.7	14.9	3.9	922
	21-23	50.9			20.1						14.8	14.2	3.4	925
TOTALS		37.1			28.5						17.4	17.1	4.1	7262

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23008
STATION

CANNON AFB NM

STATION NAME

69-70,73-81

PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	30.1			24.8						16.5	28.6	5.1	7088
FEB		30.0			27.6						17.8	24.6	4.9	6463
MAR		31.2			29.3						16.2	23.3	4.7	7142
APR		33.6			29.5						19.0	17.9	4.4	6923
MAY		29.9			31.9						19.1	19.2	4.6	7148
JUN		30.2			37.0						18.9	13.9	4.2	6892
JUL		15.8			46.2						24.5	13.5	5.0	7234
AUG		21.6			43.4						21.2	13.9	4.6	7275
SEP		29.3			30.5						18.9	21.3	4.8	7015
OCT		45.8			25.2						12.4	16.6	3.5	7257
NOV		38.8			27.7						15.5	18.0	4.0	7035
DEC		37.1			28.5						17.4	17.1	4.1	72
TOTALS		31.1			31.8						18.1	19.0	4.5	847

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC

AIR WEATHER SERVICE/MAC

2308 CANNON AFB NM STATION NAME

DAILY TEMPERATURES

43-46, 51-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
105						.6	.2	.1					.1
100						3.8	2.3	1.0	.2				.6
95					1.1	18.3	21.1	14.1	2.3	.2			4.6
90				1.1	9.3	48.8	56.1	48.2	16.5	.8			15.1
85			.7	6.0	29.9	73.2	81.5	72.6	42.5	7.0			26.3
80		.4	2.4	21.6	53.8	87.7	92.9	89.1	64.6	25.0	1.2		36.7
75	.6	3.0	12.3	41.6	72.7	94.7	97.7	96.0	80.8	46.1	6.2	.4	46.2
70	3.1	9.6	28.4	61.5	85.3	97.5	99.2	98.7	88.3	63.0	20.4	3.2	55.0
65	12.0	22.8	45.5	75.9	91.3	98.9	99.9	99.7	93.9	77.5	36.8	13.4	64.1
60	25.6	38.2	62.4	86.3	96.1	99.8	100.0	99.9	97.1	88.0	53.6	27.8	73.0
55	41.8	54.8	74.8	92.0	98.7	100.0		100.0	98.9	93.5	68.0	45.1	80.7
50	56.9	69.4	84.7	96.9	99.6				99.6	96.3	79.7	59.4	86.9
45	69.8	79.6	91.2	98.7	100.0				99.7	98.6	87.0	73.9	91.6
40	80.2	87.2	94.6	99.6					100.0	99.3	93.3	84.4	94.9
35	88.0	93.9	96.9	99.9						99.9	97.0	92.3	97.3
30	93.8	97.3	98.7	100.0						100.0	99.2	95.9	98.7
25	97.1	98.4	99.8								99.7	98.6	99.5
20	98.4	99.6	99.9								100.0	99.8	99.8
15	99.3	100.0	100.0										99.9
10	99.7											100.0	100.0
5	99.9												100.0
0	100.0												100.0
MEAN	50.3	54.6	61.6	71.0	78.9	88.1	89.5	88.0	81.1	71.8	59.2	51.7	70.5
S D	12.456	12.150	11.852	10.197	9.194	7.659	6.307	6.577	9.111	10.297	11.601	11.418	17.356
TOTAL OBS.	1029	960	1023	990	1023	990	1023	1023	990	1023	970	1016	12360

GLOBAL CLIMATOLOGY BRANCH
USAFETAC

AIR WEATHER SERVICE/MAC

23008
STATION

CANNON AFB NM
STATION NAME

43-46, 51-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
75							.1						.1
70						3.3	8.9	4.2					1.4
65					.8	24.8	59.3	45.8	4.5	.2			11.4
60				.6	8.5	63.5	96.2	89.7	36.1	1.5			24.8
55				4.3	33.7	88.6	100.0	98.9	66.9	9.9			33.7
50		.3	1.0	17.8	63.8	97.6		100.0	88.3	29.6	.8	.3	41.8
45	.4	1.4	7.4	40.2	87.2	99.8			96.5	58.1	6.2	1.1	50.1
40	2.7	7.1	22.0	65.7	95.8	100.0			99.4	82.2	21.4	4.0	58.5
35	11.3	20.6	46.4	84.9	99.3				99.8	94.0	47.6	12.4	68.2
33	17.3	29.6	56.8	90.3	99.6					96.9	59.1	19.1	72.5
30	30.9	44.6	69.8	95.2	100.0				99.9	98.5	73.9	33.7	78.9
25	55.6	68.3	85.4	99.3					100.0	99.9	88.4	65.0	88.5
20	75.0	85.3	93.8	99.9						100.0	96.2	85.2	94.6
15	87.1	95.2	97.7								98.8	94.1	97.7
10	94.0	98.0	99.4	100.0							99.6	97.9	99.1
5	97.6	99.7	100.0								99.9	99.5	99.7
0	98.8	100.0									100.0	99.7	99.9
-5	99.5											99.8	99.9
-10	99.9											99.9	100.0
-15	100.0											100.0	100.0
MEAN	24.6	28.0	33.2	42.4	51.4	60.8	65.1	64.0	56.6	45.6	33.6	26.6	44.3
S.D.	8.965	8.025	8.149	7.419	6.185	5.094	3.214	3.520	5.834	6.856	7.447	7.520	15.961
TOTAL OBS.	1029	960	1023	990	1023	990	1023	1023	990	1023	970	1016	12060

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

23-08
STATION

CANNON AFB NM

STATION NAME

43-46, 51-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85						2.9	3.0	1.2					.6
80					.5	21.0	34.3	24.4	1.5				6.9
75					6.7	54.3	77.4	67.0	20.9	.4			19.0
70				3.7	30.0	83.5	95.4	92.5	54.6	5.6			30.6
65			1.3	17.1	58.8	94.6	99.2	98.6	77.0	26.5	.2		39.6
60	.1	1.1	7.8	39.8	81.1	98.2	100.0	99.6	91.0	50.6	4.4	.4	48.1
55	2.1	6.9	23.4	65.4	91.8	99.9		99.9	96.7	74.3	18.7	3.1	57.0
50	8.9	20.4	45.7	81.8	97.4	100.0		100.0	99.2	88.7	41.9	9.9	66.3
45	26.6	39.9	67.0	91.9	99.3				99.6	95.2	62.0	28.1	75.9
40	48.1	61.9	82.0	97.4	100.0				99.8	98.3	79.5	52.8	85.0
35	66.2	78.4	91.2	99.4					100.0	99.8	90.0	72.7	91.5
30	80.6	89.0	95.3	100.0						100.0	96.1	87.2	95.7
25	90.3	95.4	98.5								98.9	94.4	98.1
20	94.8	98.5	99.8								99.6	97.6	99.2
15	98.0	99.8	99.9								100.0	99.5	99.8
10	99.0	100.0	100.0									99.7	99.9
5	99.5											99.9	99.9
0	99.9											100.0	100.0
-5	100.0												100.0
MEAN	37.7	41.5	47.6	56.9	65.3	74.7	77.6	76.2	69.0	58.9	46.6	39.3	57.6
S.D.	9.943	9.221	9.190	8.005	6.972	5.793	4.290	4.503	6.678	7.665	8.699	8.677	16.203
TOTAL OBS	1029	960	1023	990	1023	990	1023	1023	990	1023	970	1016	12060

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION CANNON AFB NM
STATION NAME

42-46, 51-81
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS	
YEAR														
43	*	64	71	85	91	93	97	99	100	96	85	79	62	100
44		63	66	76	80	91	101	103	105	94	84	76	66	100
45		65	76	75	87	97	101	97	101	100	83	30	72	101
46		63	74	89	87	87	100	99	98	91	85	68		
51												67		
52		74	68	74	83	91	101	96	98	93	86	76	65	101
53		74	73	81	86	96	102	100	98	95	86	73	67	102
54		73	75	79	87	88	98	100	96	94	90	78	74	102
55		64	71	78	84	89	97	96	94	93	85	76	73	97
56		71	75	82	86	94	97	97	95	97	91	82	68	97
57		71	76	74	82	85	100	101	96	92	89	67	66	101
58		69	76	72	85	96	97	105	97	95	83	75	77	100
59		71	72	75	91	92	97	95	98	95	91	74	65	97
60		61	68	79	80	91	100	98	94	92	84	75	61	100
61		64	77	77	87	94	95	94	93	92	87	74	72	97
62		60	81	81	91	96	90	98	96	93	86	76	71	97
63		71	74	85	87	93	93	98	92	89	87	76	71	97
64		61	50	77	86	95	97	99	99	93	86	76	71	95
65		71	71	75	84	92	86	97	94	91	89	76	69	97
66		62	63	81	83	94	94	101	98	95	81	75	71	101
67		72	75	84	86	91	92	93	94	91	89	81	67	94
68		63	71	79	83	94	106	96	91	91	89	74	68	100
69		75	69	78	83	91	99	99	101	89	89	73	70	101
70		76	78	76	81	91	101	97	98	96	81	77	73	101
71		73	72	83	86	91	93	98	91	91	84	79	72	95
72		77	80	84	92	91	98	97	93	89	88	71	71	98
73		69	70	83	83	89	101	98	96	90	88	82	72	101
74		73	70	82	85	93	97	100	97	95	84	74	67	100
75		75	72	77	84	86	100	94	98	93	84	82	70	100
76		63	77	82	80	88	100	94	93	91	84	72	69	100
MEAN														
S. D.														
TOTAL OBS.														

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

N (AT LEAST ONE DAY LESS THAN 24 OBS)

(AT LEAST ONE DAY LESS THAN 24 HRS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUE

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION CANNON AFB NM

43-46, 51-51

STATION

STATION NAME

YEARS

WIND DIRECTION FARENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ALL MONTHS
YEAR												
43	11	20	3	33	29	57	59	62	42	34	10	9
44	11	16	17	26	36	52	57	53	47	41	19	15
45	1	19	15	14	30	46	57	54	22	25	19	8
46	11	21	21	18	36	47	51	51	41	36	23	1
47	11	12	21	23	36	57	59	62	42	22	4	6
48	13	14	19	24	34	53	57	61	47	37	19	3
49	13	21	17	32	32	49	61	61	51	73	25	11
50	13	8	15	31	44	46	61	59	5	30	17	17
51	11	13	11	30	44	53	59	54	5	35	19	13
52	11	22	23	25	43	49	56	55	41	32	9	10
53	14	28	21	31	41	54	59	50	42	32	14	1
54	-1	14	23	29	44	53	6	57	41	72	15	1
55	-1	12	6	12	33	34	59	57	41	33	23	14
56	11	12	23	28	44	54	55	50	41	37	21	-11
57	-7	6	12	25	35	44	55	55	54	37	18	1
58	-11	4	14	34	42	52	57	59	47	17	24	1
59	1	9	14	25	38	43	55	55	41	4	17	1
60	13	4	8	35	37	45	61	44	41	34	25	18
61	14	16	16	25	35	43	51	51	48	24	23	1
62	1	15	11	34	31	51	57	55	46	23	23	11
63	14	19	14	29	43	51	52	55	43	17	22	1
64	14	16	13	37	41	49	64	61	52	20	19	1
65	17	17	13	24	31	45	54	56	33	22	17	17
66	-3	8	8	23	36	51	50	56	41	31	27	1
67	4	7	23	29	43	52	57	57	41	23	18	1
68	1	17	30	22	33	52	57	57	43	37	27	14
69	1	15	22	29	44	51	54	59	45	39	21	1
70	3	13	2	17	41	43	61	61	48	30	15	1
71	4	19	17	34	37	51	61	55	48	73	1	1
MEAN												
S. D.												
TOTAL OBS.												

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 HOURS)

AD-A110 041

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/8 4/2
CANNON AFB, CLOVIS, NEW MEXICO REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
SEP 81

UNCLASSIFIED

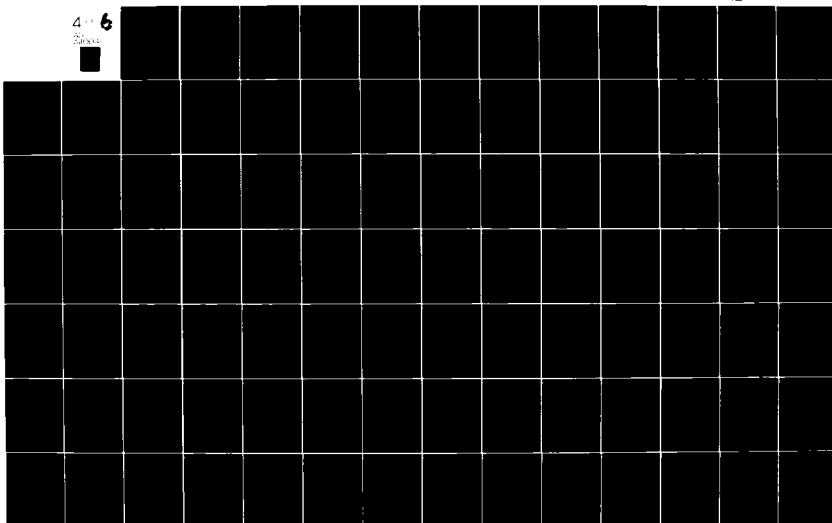
USAFETAC/DS-81/083

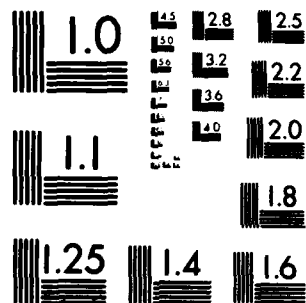
S81-AD-E850 111

NL

4-6

5010-108





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008

CANNON AFB NM

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
54/ 53						.1												1	1			
52/ 51					.3			.3										4	4			
50/ 49					.4	.1												4	4			
48/ 47				.3			.1	.4										6	6			
46/ 45				.1	1.2	1.0												18	18	1		
44/ 43	.1	.1	.1	.4	.8	.6												17	17	6	1	
42/ 41		.3	.4	.8	2.9	1.5	.1											47	47	3		
40/ 39			.5	1.4	1.8	.9												36	36	8	3	
38/ 37	.1	.4	2.7	1.8	.9	.3												48	48	18	3	
36/ 35		.9	1.9	1.9	1.5	.4												52	52	39	6	
34/ 33		1.3	2.2	3.7	1.2	.1												66	66	72	8	
32/ 31	.5	2.0	5.0	2.2	.1	.1												78	78	65	22	
30/ 29	.6	2.8	3.5	1.2	.1													64	64	78	31	
28/ 27	.6	3.6	2.0	1.3	.5													63	63	108	43	
26/ 25	1.5	4.9	3.1	.8														80	80	87	67	
24/ 23	.4	2.6	1.2	.8														38	38	64	52	
22/ 21	.5	2.6	1.2	.1														34	34	62	100	
20/ 19	.5	2.4	.9															30	30	41	90	
18/ 17	.5	1.4	1.2															24	24	34	59	
16/ 15	.4	2.4	.4															25	25	29	72	
14/ 13	.8	.5	.1															11	11	24	59	
12/ 11		1.0	.1															9	9	11	43	
10/ 9	.6	1.3																15	15	14	27	
8/ 7	.3	.4																5	5	10	25	
6/ 5		.3																2	2	1	26	
4/ 3		.3																2	2	3	16	
2/ 1																				1	13	
0/ -1	.3																	2	2	2	3	
-2/ -3																					6	
-4/ -5	.1																	1	1	1	5	
-6/ -7																					1	
-8/ -9																					1	
TOTAL	7.9	31.3	26.3	16.6	11.6	5.2	.3	.6										782	782	782	782	
Element (X)	Σ x'		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x	
Rel. Hum.	3568212		51178		65.4		16.740		782		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F	
Dry Bulb	748956		23092		29.5		9.266		782		.4		57.4								93	
Wet Bulb	563165		20133		25.7		7.576		782		.4		75.5								93	
Dew Point	319057		14443		18.5		8.184		782		1.9		90.5								93	

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

70,73-81
YEARS

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51								.1										1	1		
50/ 49				.1		.1	.1	.2										5	5		
48/ 47				.2		.1	.2											5	5		
46/ 45			.1	.5	.1		.1	.1										9	9		
44/ 43	.1			.4	.3	.2	.4											14	14	3	1
42/ 41	.2	.1	.3	.9	.6	.8	.2											29	29	6	2
40/ 39			.5	1.3	1.0	.5												31	31	8	1
38/ 37		.2	1.2	2.6	1.4	.1												51	51	14	3
36/ 35		.5	2.3	3.2	1.3													68	68	23	2
34/ 33	.3	1.1	1.9	3.3	1.1													72	72	53	9
32/ 31	.4	3.4	4.3	3.0	.6													110	110	86	28
30/ 29	.5	1.4	4.0	1.7	.4													75	75	95	29
28/ 27	1.2	3.8	2.3	.8														74	74	116	35
26/ 25	.4	3.8	3.8	.4														78	78	112	64
24/ 23	1.0	2.4	2.9	.2														60	60	77	64
22/ 21	1.1	3.8	.8	.3														55	55	91	91
20/ 19	.6	4.0	.9	.3														54	54	63	118
18/ 17	.3	3.0	.9															39	39	47	91
16/ 15	.8	2.2	.2															29	29	43	101
14/ 13	.1	1.5	.2															17	17	25	69
12/ 11	.4	1.1	.4															18	18	23	64
10/ 9		1.4																13	13	12	41
8/ 7	.1	1.2																12	12	18	26
6/ 5	.1	.3																4	4	7	25
4/ 3	.1																	1	1	2	21
2/ 1	.1	.2																3	3	3	21
0/ -1	.1																	1	1	1	7
-2/ -3	.1																	1	1	1	3
-4/ -5																					2
-6/ -7	.1																	1	1	1	5
-8/ -9																					5
-10/-11																					2
TOTAL	8.3	35.3	26.9	19.4	6.9	1.8	1.1	.4										930	930	930	930
Element (X)	ΣX²		ΣX		X		C _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	4435896		62438		67.1		16.205		930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb	793270		25854		27.8		8.957		930			.3	64.5				93				
Wet Bulb	607356		22716		24.4		7.510		930			.3	82.3				93				
Dew Point	347996		16294		17.5		8.203		930			2.4	91.2				93				

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NM
STATION STATION NAME

70,73-81
YEARS

YEARS

JAN
MONTH
PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 67											.1	.2						3	3						
56/ 65									.1									1	1						
64/ 63									.2			.1						3	3						
62/ 61								.1	.2	.3	.1							7	7						
60/ 59									.5	.4								9	9						
58/ 57						.2	.2	.5	.2	.3	.1							15	15						
56/ 55					.2	.2	.3	.8	1.2	.1								26	26						
54/ 53				.1	.2	.4	1.0	1.7	.2	.1								35	35						
52/ 51					.3	.2	1.0	1.0	.2									25	25						
50/ 49			.1	.1	.3	1.3	1.7	.6										39	39	3					
48/ 47		.1		.1	.1	.9	1.9	.3										49	49	7					
46/ 45			.1	.5	1.7	1.9	.9	.4										52	52	14	1				
44/ 43			.3	.5	1.5	2.3	.9	.2										53	53	33					
42/ 41		.1	.5	1.2	2.0	1.5	.3											53	53	36	2				
40/ 39		.2	.6	1.1	2.7	1.4	.2											58	58	71	3				
38/ 37	.2	.4	1.4	2.0	1.2	.2	.1											52	52	71	9				
36/ 35	.1	.5	1.1	1.4	1.2	.4												44	44	83	19				
34/ 33	.3	1.4	1.1	3.0	.8	.3												64	64	93	16				
32/ 31	.1	1.3	1.5	1.8	.6	.1												51	51	84	31				
30/ 29	.5	1.5	2.7	.9	.1	.1												54	54	73	54				
28/ 27	1.0	1.9	1.4	.9	.2													50	50	81	72				
26/ 25	.8	2.9	1.7	.2	.1													53	53	72	95				
24/ 23	.2	1.9	.4	.1	.2													27	27	60	66				
22/ 21	.1	1.8	.8		.1													26	26	39	97				
20/ 19	.3	1.2	1.3															26	26	27	128				
18/ 17	.4	.8	.9	.1														20	20	25	97				
16/ 15		.9	.2	.1														11	11	20	72				
14/ 13		.5	.2															7	7	16	27				
12/ 11	.3	.5	.1															9	9	8	37				
10/ 9		.3																3	3	7	25				
8/ 7		.1																1	1	2	25				
6/ 5	.1																	1	1	2	14				
4/ 3	.1	.1																2	2	2	12				
2/ 1		.1																1	1	1	12				
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

JAN
MONTH

HOURS L S T.

USAFETAC
FORM
JFA 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

70, 73-81
YEARS

YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
76/ 75														.1	.1	.1		2	2														
74/ 73														.1	.3			4	4														
72/ 71												.1	.1					2	2														
70/ 69										.2	.1	.2	.4					9	9														
68/ 67										.3	.2	.4	.2					11	11														
66/ 65								.1	.5	.4	.3	.6						19	19														
64/ 63							.1	.1	.6	.9	1.0	.3						28	28														
62/ 61						.1		.1	1.3	1.0	1.1							33	33														
60/ 59						.1	.5	1.1	1.5	1.9	.4							52	52														
58/ 57						.2	.5	1.1	1.3	1.0								38	38														
56/ 55					.2	.1	.9	1.8	1.3	.3								43	43														
54/ 53					.2	.9	1.9	1.4	1.3	.2								55	55	1													
52/ 51				.3		.6	2.2	1.0	.9	.1								47	47	6													
50/ 49				.2	.2	1.3	2.9	1.1	.5									58	58	15													
48/ 47				.2	1.0	1.3	1.9	.9	.3									52	52	30													
46/ 45			.2	.4	1.1	1.6	1.9	.4	.1									54	54	59													
44/ 43			.2	.3	1.0	1.7	.9	.3										41	41	83	2												
42/ 41	.1	.1	.1	.8	1.0	1.7	.2											37	37	82	5												
40/ 39		.2	.4	.9	.9	.6	.3											31	31	94	6												
38/ 37	.1	.1	1.2	.9	.9	.8	.3											39	39	75	8												
36/ 35	.2	.6	1.3	1.1	.9	.8	.1											46	46	74	17												
34/ 33		.4	1.1	1.1	1.0	.2												35	35	77	27												
32/ 31	.2	.8	1.6	1.1	.2													36	36	59	51												
30/ 29	.4	1.5	.4	.8	.2	.2												33	33	60	60												
28/ 27	.3	1.9	1.7	.1	.1													39	39	56	85												
26/ 25		.6	1.2	.2														19	19	46	104												
24/ 23	.1	.5	.5	.5														16	16	38	57												
22/ 21	.4	1.0	.3	.3														19	19	18	81												
20/ 19	.4	.2	.4	.2														12	12	20	106												
18/ 17		.3	.2															5	5	11	78												
16/ 15		.4	.2															6	6	10	71												
14/ 13		.2	.2															4	4	7	38												
12/ 11	.2																	2	2	5	44												
10/ 9																				1	22												
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ														
Rel. Hum.																																	
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	
Mean No. of Hours with Temperature																																	
		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total																			

2

PSYCHROMETRIC SUMMARY

JAN

MONTH

1500-1700

HOURS (L. S. T.)

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

70,73-81
YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
66/ 65												.1						1	1						
62/ 61									.2			.1						3	3						
60/ 59							.3			.2								5	5						
58/ 57							.1	.2		.1								4	4						
56/ 55						.2	.1	.9	.3	.3								17	17						
54/ 53						.3	.1	.2	.3									9	9						
52/ 51					.4	.5	.6	1.0	.3									27	27						
50/ 49					.3	.5	1.0	.4	.1									22	22						
48/ 47			.2	.1	.9	1.2	1.6	.3										40	40	4					
46/ 45				.6	1.4	4.0	1.5	.9										78	78	6					
44/ 43	.3		.5	1.6	1.9	1.4	.9	.2										64	64	18	3				
42/ 41		.1	1.1	1.7	1.4	1.3	.5											57	57	20					
40/ 39	.3	.2	.9	1.2	2.3	1.5	.4	.1										64	64	51	4				
38/ 37		.1	1.6	2.6	1.8	1.3	.1											70	70	85	5				
36/ 35		.6	1.5	2.2	.8	.8	.1											55	55	95	17				
34/ 33	.1	1.2	1.1	2.4	.9	.5												57	57	87	29				
32/ 31	.2	2.0	4.1	1.9	1.3	.1												90	90	87	34				
30/ 29		2.7	1.8	1.8	.6													65	65	99	33				
28/ 27	1.1	2.3	1.4	1.3	.2													58	58	110	60				
26/ 25	.2	1.5	1.1	.3														29	29	74	86				
24/ 23	.2	.8	.4	.1														14	14	64	68				
22/ 21	.9	1.1	.3															21	21	35	96				
20/ 19	.6	1.2	1.5															31	31	21	105				
18/ 17	.2	.5	.8															14	14	20	77				
16/ 15	.1	1.1	.3															14	14	20	57				
14/ 13		.9	.3															11	11	11	62				
12/ 11	.1	.1																2	2	13	42				
10/ 9	.2	.1																3	3	4	53				
8/ 7		.1																1	1	2	19				
6/ 5		.2																2	2	2	19				
4/ 3																					17				
2/ 1		.1																1	1	1	8				
0/ -1																					8				
-2/ -3	.1																	1	1	1	4				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																									
Wet Bulb																									
Dew Point																									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23108
STATION

CANNON AFB NM
STATION NAME

70,73-81
YEARS

YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 57						.1	.1											2	2		
50/ 55						.1		.1	.1									3	3		
54/ 53								.2										2	2		
52/ 51					.5	.3	.1	.1										10	10		
50/ 49				.1	.3	.1	.4	.1	.1									11	11		
46/ 47				.4	.3	.4	.9	.1										20	20	1	
46/ 45			.1	.4	.5	1.4	.5											28	28	2	
44/ 43	.3		.1	.6	1.6	2.3	.3											49	49	10	3
42/ 41	.2		1.4	1.0	1.5	1.4	.3											54	54	17	2
40/ 39	.1	.1	1.6	1.4	2.0	.9	.2											59	59	14	1
38/ 37		.3	1.7	2.8	1.2	.8	.1											64	64	43	6
36/ 35		.3	1.7	3.2	1.6	.9												72	72	65	12
34/ 33		1.3	2.4	1.5	1.0	.1												58	58	84	20
32/ 31	.5	3.2	3.0	2.9	.9													98	98	93	37
30/ 29	.2	2.2	4.7	1.0	.2													77	77	100	30
28/ 27	1.1	3.8	2.3	1.6	.4													85	85	111	52
26/ 25	.6	3.1	2.0	.9	.1													63	63	119	89
24/ 23	.2	1.8	1.3	.3														34	34	65	75
22/ 21	.8	1.7	.4	.1														28	28	63	103
20/ 19	.3	1.7	.4	.1														24	24	33	111
18/ 17	.6	1.4	.9															27	27	27	76
16/ 15	.2	1.5	.6															22	22	21	70
14/ 13	.3	1.2	.3															17	17	23	57
12/ 11	.2	.8																9	9	18	56
10/ 9	.4	.2	.2															8	8	12	42
8/ 7																			3	3	18
6/ 5		.2																2	2	2	23
4/ 3		.1																1	1	1	11
2/ 1																					18
0/ -1																					9
-2/ -3																					2
-4/ -5	.2																	2	2	2	2
-6/ -7	.1																	1	1	1	2
-8/ -9																					2
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

2308
STATION

CANNON AFB NM

70,73-81

YEARS

JAN
MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08 STATION CANNON AFB NM 73,73-81 YEARS - JAN MONTH PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75													.0	.0	.0			5	5			
74/ 73												.0	.0	.1				9	9			
72/ 71												.0	.0					3	3			
70/ 69										.0	.0	.0	.1					16	16			
68/ 67										.1	.1	.2	.1					23	23			
66/ 65								.0	.1	.1	.1	.2						41	41			
64/ 63							.0	.0	.2	.2	.2	.1						56	56			
62/ 61						.0	.1	.4	.3	.2	.0							72	72			
60/ 59						.0	.1	.2	.4	.5	.1							98	98			
58/ 57						.1	.2	.4	.5	.3	.0							107	107			
56/ 55					.1	.2	.4	.6	.6	.2								141	141			
54/ 53				.0	.1	.3	.6	.6	.5	.1								153	153	1		
52/ 51				.1	.3	.3	.8	.6	.4	.0								172	172	10		
50/ 49			.0	.1	.3	.7	1.2	.6	.1									214	214	31		
48/ 47		.0	.1	.2	.5	.8	1.1	.4	.1									231	231	69		
46/ 45			.1	.4	.9	1.6	.9	.3	.0									299	299	138	1	
44/ 43	.1	.0	.3	.6	1.2	1.4	.6	.2										307	307	226	13	
42/ 41	.1	.1	.5	1.0	1.4	1.3	.2	.0										331	331	258	16	
40/ 39	.1	.1	.8	1.2	1.7	1.0	.2	.0										369	369	355	28	
38/ 37	.1	.3	1.4	2.0	1.2	.6	.1											399	399	396	43	
36/ 35	.0	.5	1.5	2.1	1.2	.5	.0											414	414	504	99	
34/ 33	.1	1.1	1.5	2.3	.9	.2												442	442	584	139	
32/ 31	.3	2.0	3.0	2.2	.5	.0												570	570	595	264	
30/ 29	.4	2.1	2.6	1.1	.3	.1												470	470	651	315	
28/ 27	.8	2.7	1.8	.9	.2													460	460	718	488	
26/ 25	.6	2.5	2.1	.5	.0													406	406	652	645	
24/ 23	.4	1.6	1.0	.4	.1													247	247	457	525	
22/ 21	.7	2.1	.6	.2	.0													248	248	386	715	
20/ 19	.4	1.9	.9	.1														236	236	281	853	
18/ 17	.3	1.3	.6	.0														159	159	216	616	
16/ 15	.3	1.4	.3	.0														139	139	185	587	
14/ 13	.2	.8	.2															84	84	140	435	
12/ 11	.2	.6	.1															63	63	91	373	
10/ 9	.2	.5	.0															49	49	64	268	
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature			
Rel. Hum.																			≤ 60 F	61-70 F	71-80 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

PAGE 2

70,73-81

JAN
MONTH

PAGE 2

ALL

HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATIONCANNON AFB NM
STATION NAME70,73-81
YEARSFEB
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
62/ 61								.1									1	1		
61/ 59							.1										1	1		
58/ 57						.1											1	1		
56/ 55							.3										2	2		
54/ 53						.1											1	1		
52/ 51				.3	.1	.1	.4	.1	.1								9	9		
50/ 49				.1	.1	.3	.7	.4	.1								13	13		
48/ 47		.1	.1	.3	.4	1.0	.3	.3	.1								19	19	4	
46/ 45			.4	1.0	1.0	.7	1.1	.5	.1								35	35	4	1
44/ 43				2.0	1.4	2.7	1.2										54	54	8	
42/ 41	1.0	.8	1.5	1.1	.8	1.8	.7	.4									59	59	16	11
40/ 39		.7	.5	1.8	1.2	1.8	.5										48	48	26	8
38/ 37	.1	1.2	1.4	3.0	1.0	.8		.1									56	56	51	10
36/ 35	.3	1.2	4.4	3.7	1.4	.1	.3										83	83	51	14
34/ 33		2.0	2.2	2.5	1.0	.1	.1										58	58	89	16
32/ 31	.3	5.6	3.4	2.3	1.0	.3											94	94	99	45
30/ 29		2.6	3.1	.7	.1												48	48	106	44
28/ 27	1.1	3.1	1.6	.4	.4												49	49	85	53
26/ 25	.5	2.0	1.9	.7													38	38	63	78
24/ 23		1.2	1.1														17	17	46	56
22/ 21		2.3	.3														19	19	35	62
20/ 19	.1	1.6	.5	.1													18	18	23	105
18/ 17		1.0															7	7	16	46
16/ 15		.1															1	1	8	47
14/ 13																			1	44
12/ 11																				36
10/ 9																				24
8/ 7		.1															1	1		10
6/ 5		.3															2	2	1	8
4/ 3																			2	3
2/ 1																				4
0/ -1																				1
-4/ -5																				
-6/ -7																				
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) AIR 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NM

76,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0000-0200

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

70,74-81
YEARS

YEARS

FEB
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53					.1			.1										2	2		
52/ 51			.1	.1	.1	.4		.1										7	7		
50/ 49			.1	.1	.3	.4	.4											11	11		
48/ 47		.1		.4	.6	.6	.9	.4	.1									21	21	1	
46/ 45			.1	.7	.1	.6	.6	.3										17	17	4	
44/ 43		.3		1.7	1.0	.7	.9	.3										34	34	3	3
42/ 41	.6	.6	1.3	.9	2.0	.9	.1											44	44	19	5
40/ 39	.6	1.4	.9	1.7	2.8	1.7	.6											68	68	28	10
38/ 37	.6	.6	1.4	1.8	1.1	1.1												47	47	38	8
36/ 35	.3	1.4	2.7	1.8	1.1	.6	.3											58	58	42	16
34/ 33		2.6	2.7	3.0	.7													63	63	64	18
32/ 31	.4	4.3	5.5	1.4	.1													83	83	84	32
30/ 29	.9	3.8	3.3	.7	.1	.3												64	64	95	46
28/ 27	.3	5.3	1.7	.6	.4													58	58	108	47
26/ 25	.6	2.0	1.4	.7	.3													35	35	76	69
24/ 23	.1	1.4	.7	.1														17	17	34	51
22/ 21	.3	2.6	.7															25	25	28	64
20/ 19	.4	2.7	1.7															34	34	41	107
18/ 17	.1	.9	.1															8	8	20	52
16/ 15		.6																4	4	11	41
14/ 13																				4	41
12/ 11																					21
10/ 9																					31
8/ 7		.3																2	2		14
6/ 5		.1																1	1	2	7
4/ 3																				1	3
2/ 1																					4
0/ -1																					1
-2/ -3																					2
-4/ -5																					3
-6/ -7																					2
-8/ -9																					2
-10/-11																					1
Element (X)	Σ X ²		Σ X		X	C _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08
STATION

CANNON AFB NM
STATION NAME

70,73-81
YEARS

FEB
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		Dry Bulb	Wet Bulb	Dew Point
58/ 57									.1								1	1		
56/ 55					.1												1	1		
54/ 53									.1								1	1		
52/ 51				.1	.2	.2	.4	.1	.2								11	11		
50/ 49		.1		.5	.4	.2	.2	.6	.1								18	18		
48/ 47		.2	.1	.1	.2	.8	.6										18	18	2	
46/ 45		.6	.2	.7	.2	.8	.4	.5									29	29	7	4
44/ 43		.1	.5	1.2	.7	1.4	.8	.1									41	41	10	3
42/ 41	.4	.1	1.4	1.4	1.3	1.2	.5										53	53	17	7
40/ 39	.7	1.6	.7	1.9	1.4	.6		.1									61	61	28	12
38/ 37	.5	.6	2.0	2.6	1.1	1.4	.4	.2									74	74	54	18
36/ 35		1.2	2.8	1.8	1.3	.4											63	63	47	15
34/ 33		3.0	2.6	2.0	1.2	.1											75	75	88	26
32/ 31	.2	5.7	3.3	2.0	.2												97	97	98	27
30/ 29	.4	4.1	3.3	2.0	.1												84	84	117	60
28/ 27	.2	4.3	2.0	.5	.1												60	60	103	63
26/ 25	.7	3.3	1.9	.2	.2												54	54	101	91
24/ 23	.4	.6	1.1	.5													21	21	54	66
22/ 21	.2	1.3	.8														20	20	30	83
20/ 19	1.1	2.2	1.1														37	37	36	102
18/ 17	.6	.7	.2														13	13	27	52
16/ 15		.6															5	5	11	72
14/ 13		.5															4	4	8	37
12/ 11		.2															2	2	3	30
10/ 9																			2	26
8/ 7		.2															2	2		21
6/ 5																			2	18
4/ 3																				1
2/ 1																				2
0/ -1																				4
-2/ -3																				2
-4/ -5																				3
-6/ -7																				2
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total	
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

23 08

CANNON AFB NM

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTM

PAGE 1

0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB

MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

2

●

YEARS

MONTH

1210-1400

HOURS (L - S - T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008

CANNON AFB NM

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
13 / 11																					31
12 / 9																					22
8 / 7																					13
6 / 5																					12
4 / 3																					5
2 / 1																					5
- / -1																					1
TOTAL	.6	6.4	8.5	8.4	9.1	7.3	9.5	10.2	12.0	9.0	8.0	4.0	4.5	1.9	.6				846		845
																		845		845	
Element (X)	Z _{X'}	Z _X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	1697574	33194	39.3	21.596	845	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2399078	43820	51.8	12.372	846		6.4	9.6	2.8	.1		84									
Wet Bulb	1365991	33435	39.6	7.141	845		13.1					84									
Dew Point	550849	20217	23.9	8.920	845	.1	71.1					84									

PSYCHROMETRIC SUMMARY

27.08
STATIC

CANNON AFB NM

70,73-81

FEB

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2308 STATION

CANNON AFB NM STATION NAME

70,73-81 YEARS

FEB MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69												.1						1	1		
68/ 67										.1								1	1		
66/ 65										.1	.1							2	2		
64/ 63									.4	.1	.1	.4						8	8		
62/ 61						.1	.2	.2	.4		.6	.2						15	15		
60/ 59				.1		.1		.5	.2	.2	.6	.1						16	16		
58/ 57						.4	.2	.8	.6	.4	.4							23	23		
56/ 55						.2	.5	1.1	1.9	1.3	.1							43	43		
54/ 53				.1	.2	.4	.8	1.3	.9	.6								37	37	1	
52/ 51				.1	.5	.9	1.2	1.7	.6	.4								45	45	2	
50/ 49			.2	.2	.2	.8	1.7	1.5	1.2									50	50	8	
48/ 47			.2	.5	.6	2.0	3.2	1.2	.1									66	66	10	1
46/ 45	.1		.5	.6	1.2	2.3	1.8	.8										61	61	19	1
44/ 43	.2	.6	.6	.6	1.9	1.9	2.1	.2	.1									70	70	31	6
42/ 41	.1	.5	1.3	1.1	1.2	2.0	.7	.2										60	60	62	13
40/ 39	.1	.6	1.2	1.1	2.4	1.2	.4	.1										59	59	82	6
38/ 37	.1	.8	2.0	1.4	.7	.6	.1											49	49	107	17
36/ 35	.1	.9	1.5	1.4	.8	.7	.1											48	48	113	22
34/ 33	.1	2.4	2.0	.8	.4	.4	.1											52	52	96	32
32/ 31	.4	1.7	3.4	.6	.6	.1												57	57	108	50
30/ 29	.1	1.1	.8	.5		.1												22	22	54	41
28/ 27	.1	1.2	.8	.1	.1													20	20	60	72
26/ 25	.2	1.4	.7															20	20	36	76
24/ 23		.1	.2															3	3	26	69
22/ 21		.7	.1															7	7	14	88
20/ 19	.1	.5																5	5	8	75
18/ 17																				3	52
16/ 15																					43
14/ 13																					62
12/ 11																					42
10/ 9		.1																1	1		31
8/ 7		.2																2	2	1	15
6/ 5																				2	8
4/ 3																					4
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

23008
STATIO

CANNON AFB NM

73,73-81

FEB

MONTH

PAGE 2

1800-2000

2000 2000
HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

70,73-81
YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
64/ 63								.4										3	3				
63/ 59											.1							1	1				
58/ 57						.1		.1	.2		.2							6	6				
56/ 55						.2		.4		.5								9	9				
54/ 53					.1	.2	.4	.4	.5									13	13				
52/ 51					.6	.2	.2	1.2	.4	.1								23	23				
50/ 49				.4	.5	.7	1.2	.9	.8									38	38		4		
48/ 47		.4		.4	1.3	1.2	1.8	.5	.2									48	48		1		
46/ 45			.4	.7	1.2	2.1	1.4	.5										53	53		6		
44/ 43			.5	1.5	.8	1.4	1.1											45	45		17		
42/ 41	.4	.9	.7	1.2	1.4	1.8	.2	.2										58	58		27		
40/ 39		.8	1.4	1.9	3.3	1.5	.1	.1										78	78		45		
38/ 37	.1	1.1	1.7	3.3	1.4	1.7												78	78		75		
36/ 35	.2	.9	2.5	1.7	2.0	.8	.2											71	71		92		
34/ 33	.1	2.7	3.1	1.4	1.1	.1	.2											74	74		102		
32/ 31		3.7	3.0	.8	1.1	.1												73	73		120		
30/ 29	.5	3.6	1.9	.5	.5													58	58		97		
28/ 27	.6	1.5	1.3	.9	.2													39	39		103		
26/ 25		1.4	1.7	.4	.2													31	31		48		
24/ 23		.7	.5															10	10		40		
22/ 21	.2	1.2	.6															17	17		30		
20/ 19	.4	.5	.4															10	10		20		
18/ 17		.2																2	2		9		
16/ 15		.2																2	2		4		
14/ 13																							
12/ 11																							
10/ 9																							
8/ 7		.4																3	3				
6/ 5																							
4/ 3																							
2/ 1																							
0/ -1																							
-2/ -3																							
-4/ -5																							
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-6/-7																					1	
-8/-9																					1	
-10/-11																					3	
TOTAL	2.5	20.3	19.5	15.1	15.8	12.3	6.9	4.6	2.1	.6	.4								843		843	
																		843		843		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 02 STATION CANNON AFB NM STATION NAME 70,73-81 YEARS FEB MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
8 / 79														.0				2	2					
78 / 77													.0	.1	.0			9	9					
76 / 75												.0	.1	.1	.1			18	18					
74 / 73												.1	.2	.2				31	31					
72 / 71									.0		.1	.1	.2	.3				43	43					
70 / 69								.0	.1		.2	.1	.5					51	51					
68 / 67								.1	.0	.1	.2	.3	.2					63	63					
66 / 65							.0	.1	.1	.3	.2	.4	.1					86	86					
64 / 63						.0	.0	.1	.2	.5	.6	.4						122	122					
62 / 61					.0	.0	.1	.1	.3	.8	.4	.1						127	127					
60 / 59				.0	.0	.1	.2	.3	.8	.6	.5	.0						163	163					
58 / 57			.0	.0	.0	.2	.2	.5	.6	.7	.3							162	162					
56 / 55				.0	.1	.2	.4	.7	.8	.5	.1							190	190	7				
54 / 53			.0	.0	.2	.4	.6	.8	.8	.3								212	212	29				
52 / 51		.0	.0	.2	.3	.7	.9	.9	.5	.1								234	234	39	1			
50 / 49		.0	.2	.4	.4	.8	1.3	.9	.6									295	295	94				
48 / 47		.2	.3	.4	.9	1.2	1.2	.5	.2									315	315	135	10			
46 / 45	.0	.1	.4	.9	.9	1.3	.9	.4	.0									321	321	267	18			
44 / 43	.1	.3	.4	1.3	1.3	1.4	1.0	.2	.0									388	388	354	36			
42 / 41	.3	.6	1.1	1.0	1.2	1.2	.5	.2										392	392	417	92			
40 / 39	.2	.8	1.0	1.4	1.7	1.0	.2	.0										412	412	530	89			
38 / 37	.2	.6	1.4	1.9	.8	.8	.1	.0										385	386	589	134			
36 / 35	.1	1.0	2.1	1.5	1.0	.3	.1											410	410	539	157			
34 / 33	.1	2.0	1.9	1.5	.7	.1	.1											411	411	622	220			
32 / 31	.2	3.0	2.6	1.2	.4	.1												491	491	656	390			
30 / 29	.3	2.1	1.7	.6	.1	.0												317	317	589	476			
28 / 27	.3	2.0	1.0	.3	.2													251	251	544	487			
26 / 25	.3	1.5	1.2	.2	.1													213	213	375	630			
24 / 23	.1	.7	.5	.1														88	88	229	480			
22 / 21	.1	1.1	.5	.0														109	109	172	576			
20 / 19	.3	1.0	.4	.0														116	116	151	716			
18 / 17	.1	.4	.1															40	40	89	433			
16 / 15		.2	.0															15	15	36	431			
14 / 13		.1	.0															5	5	19	340			
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
Mean No. of Hours with Temperature																						Total		
		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F												

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23 CG

CANNON AFB NM

70,73-81

FEB

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008

CANNON AFB NM

69-70-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
62/ 61									.1									1	1					
60/ 59								.1			.1							2	2					
58/ 57					.4		.2		.1									6	6					
56/ 55			.2			.2		.4	.5	.2								13	13					
54/ 53		.1	.1	.1	.2	.1	.6	.4	.2									16	16					
52/ 51		.1	.2	.2	.2	.1	.7	.2	.1									17	17		3			
50/ 49		.4	.4	.2	.7	.7	1.1	.5	.5									37	37	7	3			
48/ 47		.5	.2	.6	1.0	.6	2.1	.9	.2									50	50	8	3			
46/ 45		.4	.6	.6	2.2	1.7	1.2	.4										58	58	14	9			
44/ 43		1.0	.2	.7	2.1	1.6	2.3	.5										69	69	19	8			
42/ 41		2.2	1.4	2.5	2.2	1.6	1.2	.1										91	91	36	14			
40/ 39		1.4	1.0	2.0	2.2	1.5	.2	.2										69	69	52	9			
38/ 37	.1	1.1	3.6	2.0	1.6	1.5	.1											81	81	78	16			
36/ 35	.2	2.5	2.9	1.0	1.1	.9	.1											71	71	100	37			
34/ 33	.1	1.0	2.9	1.2	2.1	.1	.1											62	62	114	30			
32/ 31		1.7	2.6	1.6	.9		.1											56	56	102	43			
30/ 29	.1	1.5	1.5	.6	.1													31	31	85	51			
28/ 27		1.6	.2	.6														20	20	66	79			
26/ 25	.1	1.6	.5	.1														19	19	55	81			
24/ 23		1.0	.1															9	9	26	52			
22/ 21		2.0	.1															17	17	16	61			
20/ 19		.9	.4															10	10	16	72			
18/ 17		.2	.1															3	3	8	46			
16/ 15		.4	.4															6	6	3	48			
14/ 13																				5	38			
12/ 11																				1	39			
10/ 9																					30			
8/ 7																					19			
6/ 5																					13			
4/ 3																					3			
2/ 1																					4			
-6/ -7																					3			
-12/-13																					3			
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 04

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23-08

CANNON AFB NM

69-70,74-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
56/ 55		.1	.1		.1												3	3		
54/ 53			.3	.3		.3	.1	.1									8	8	1	1
52/ 51		.1	.3	.5	.3	.5	.1	.4									17	17	3	
50/ 49		.4	.1	.4	.4	.5	.8	.4	.1								24	24	2	2
48/ 47		.6	.4	.3	.5	.5	1.3	.8									34	34	11	5
46/ 45		.8	.4	.9	1.7	.5	.5	1.0	.1								46	46	9	5
44/ 43		.6	.5	1.0	1.9	1.1	.9	.1									49	49	19	9
42/ 41	.1	1.7	1.3	1.7	2.0	.4	1.1	.1									66	66	23	14
40/ 39	.1	1.5	1.4	1.4	1.4	1.3	.6										61	61	35	13
38/ 37	.1	1.3	2.4	2.3	1.5	1.5	.1										73	73	59	14
36/ 35		3.2	4.3	1.5	2.2	1.0	.1										97	97	71	28
34/ 33	.4	1.9	2.9	2.6	1.9	.3											78	78	106	27
32/ 31		2.3	3.4	1.3	.8		.1										62	62	92	47
30/ 29		2.4	2.0	.9		.1											43	43	86	56
28/ 27		2.8	.9	.5													33	33	99	60
26/ 25	.3	1.7	.5	.3													21	21	64	73
24/ 23		2.3	.3	.1													21	21	37	63
22/ 21		1.5	.3		.1												15	15	21	55
20/ 19		1.4	.3														13	13	14	81
18/ 17	.1	.5	.1														6	6	13	40
16/ 15	.3	.4	.4														8	8	7	31
14/ 13		.6															5	5	6	47
12/ 11																			5	41
10/ 9																				27
8/ 7																				19
6/ 5																				8
4/ 3																				5
2/ 1																				7
-4/ -5																				1
-8/ -9																				1
-14/-15																				3
TOTAL	1.4	28.2	22.6	15.8	14.8	8.0	5.9	2.9	.3								783	783		783
																	783		783	
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	3337793		48635		62.1		20.130		783		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F	
Dry Bulb	1086343		28459		36.3		8.152		783				27.0						93	
Wet Bulb	805275		24529		31.3		6.865		783				52.7						93	
Dew Point	493220		18110		23.1		9.751		783				.6		79.0				93	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point				
66/ 65											.1							1	1						
64/ 63						.1												1	1						
62/ 61								.1	.1									2	2						
60/ 59						.2		.1	.1	.1								5	5						
58/ 57		.1		.1	.1		.2	.1	.5	.2								13	13						
56/ 55		.2		.1	.2	.1	.1	.4	.1	.1								13	13	2	1				
54/ 53		.1	.3	.1	.1	.4	.9	.2	.6	.1								27	27	2	2				
52/ 51	.1	.3	.2		.3	.2	.2	.8	.2									22	22	4	2				
50/ 49	.1	.8	.4	.9	.6	1.2	.6	.5	.4									52	52	14	2				
48/ 47		.2	.6	.3	.6	.8	1.0	.8	.1									41	41	12	10				
46/ 45		.8	1.1	1.5	1.6	1.0	1.3	.3										70	70	16	9				
44/ 43		.8	.8	1.5	1.7	.6	.9	.3										61	61	35	10				
42/ 41	.1	.9	1.8	2.0	1.7	1.1	1.0											80	80	53	14				
40/ 39		3.1	1.7	2.2	1.0	1.2	.2	.1										88	88	67	24				
38/ 37	.8	1.8	2.3	2.0	1.1	1.0	.2											85	85	102	35				
36/ 35	.2	3.7	2.4	.9	1.2	.2												79	79	105	36				
34/ 33		2.2	2.0	2.3	1.3	.1												73	73	118	58				
32/ 31		2.4	2.6	1.2	.5		.1											63	63	86	75				
30/ 29	.1	1.7	2.2	.8														44	44	86	62				
28/ 27	.2	1.2	.6			.1												20	20	78	79				
26/ 25		1.7	.5	.2														23	23	49	87				
24/ 23	.1	1.8	.3															21	21	33	57				
22/ 21		1.2	.3															14	14	24	64				
20/ 19		1.4	.1															14	14	17	66				
18/ 17	.1	.6	.2															9	9	13	44				
16/ 15	.1	.2	.3															6	6	5	52				
14/ 13		.3																3	3	5	44				
12/ 11																			4		39				
10/ 9																					28				
8/ 7																					9				
6/ 5																					9				
4/ 3																					3				
2/ 1																					6				
-1/-11																					1				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-14/-15																					1	
-16/-17																					1	
TOTAL	1.9	27.4	20.9	16.0	12.2	8.3	6.7	3.8	2.3	.5	.1							930	930	930	930	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08 CANNON AFB NM

69-70, 73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

C900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb		Dew Point		
80 / 79												.1							1	1			
76 / 75											.2			.2					4	4			
74 / 73											.1	.1	.5						7	7			
72 / 71									.1	.2	.1	.3	.5	.2					14	14			
70 / 69								.1	.1	.1	.1	.6	.3						13	13			
68 / 67							.1		.2	.4	1.1	1.0	.5						31	31			
66 / 65					.1		.1		.2	.5	1.1	.9	.1						28	28			
64 / 63					.1	.1	.1	.4	.8	1.0	1.9	.5							46	46			
62 / 61			.1		.2	.1	.1	1.0	.8	1.3	1.2	.4							48	48			
60 / 59		.1		.1	.1	.2	.9	1.3	1.3	1.4	.5								55	55			
58 / 57			.1	.1		.4	.4	1.5	1.4	1.4	.3								53	53	6	1	
56 / 55		.1	.1	.2	.2	.8	1.0	1.5	1.3	.2	.2								52	52	4	1	
54 / 53				.1	.3	1.6	1.6	2.3	1.0	.3									67	67	11		
52 / 51		.2	.2	.4	.5	1.5	1.1	1.0	.5	.3	.1								55	55	14	3	
50 / 49		.2	.2	.9	1.3	1.9	1.4	1.2	.8										73	73	41	5	
49 / 47		.1	.2	.4	1.7	1.8	1.0	.6	.1										56	56	58	9	
46 / 45		.4	.3	1.0	1.4	1.3	.9	.4											53	53	90	4	
44 / 43		.3	.3	.3	1.8	.3	1.0												38	38	108	11	
42 / 41		1.4	.6	2.0	.5	.8	.4												54	54	113	11	
40 / 39	.2	.5	.9	1.5	.6	.4	.3												42	42	120	35	
38 / 37	.1	.5	.4	.9	.5	.2													25	25	83	28	
36 / 35		.6	.8	.5	.5	.2													25	25	85	43	
34 / 33		.2	.4	.5	.1														12	12	44	48	
32 / 31		.4	.5	.2	.1														12	12	46	72	
30 / 29		.6	.8		.1														14	14	24	89	
28 / 27		1.3	.5	.1															18	18	21	72	
26 / 25		1.0	.1	.1															11	11	24	92	
24 / 23		.5	.1	.1															7	7	12	60	
22 / 21		.5	.4	.1															10	10	9	67	
20 / 19		.4	.2																6	6	11	69	
18 / 17																					4	60	
16 / 15																					2	37	
14 / 13																						38	
12 / 11																						25	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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MAR
MONTH

YEARS

USAFETAC
FORM
M.E. 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23.08
STATIC

CANNON AFB NM

69-70, 73-80

MAR
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

2

()

MAR

CANNON AFB NM

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

2308

CANNON AFB NM

69-70, 73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

[illegible]

2

MAP
MONTH

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 64

20

YEARS

MONTH

1000-200
HOURS (L. S. T.)

[illegible]

2

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MAR

MONTH

1800-2000

HOURS (L. S. T.)

USAF TAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23-08
STATIO

CANNON AFB NM

69-70, 73-80

MAR

PAGE 1

2100-2300

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
70/ 69										.1								1	1					
63/ 67										.1								1	1					
66/ 65										.1								1	1					
64/ 63											.3	.1						4	4					
62/ 61									.1	.6	.2							9	9					
61/ 59						.1	.3	.5	.1	.6	.5	.1						22	22					
55/ 57				.2	.1	.4	.1	.4	.6	.3	.1							22	22					
55/ 55			.3	.3		.4	.2	.6	.4	.4								26	26					
54/ 53			.1	.1	.2	.8	.6	.4	.9	.3								32	32					
52/ 51			.3		.5	.6	1.7	1.4	.8	.4								54	54	9				
50/ 49		.3	.2	.6	1.0	1.0	1.5	1.4	.9									64	64	8				
48/ 47		.2	.5	.6	2.0	1.0	2.4	1.9	.2									83	83	17				
46/ 45			1.1	.8	2.0	2.4	2.2	1.2										89	89	19				
44/ 43		.6	.8	1.6	1.7	2.0	1.4	.1	.2									79	79	46				
42/ 41	.2	1.3	1.2	2.9	1.3	1.3	.4	.2										82	82	71				
40/ 39		1.2	1.7	2.6	1.4	1.6	1.0											88	88	92				
38/ 37	.4	1.4	2.5	2.3	.3	.8	.2	.1										74	74	124				
36/ 35		1.5	1.8	.6	.6	.6	.2											51	51	138				
34/ 33		.8	.5	1.4	.8	.2												34	34	131				
32/ 31		1.0	1.0	.6	.6													30	30	83				
30/ 29	.1	.6	.5	.4	.1													17	17	42				
28/ 27	.1	1.5	.3	.2														20	20	53				
26/ 25		1.4	.4															17	17	42				
24/ 23		1.3	.1															13	13	24				
22/ 21		.8	.1															8	8	16				
20/ 19		.4	.2															6	6	7				
18/ 17		.1	.2															3	3	4				
16/ 15																				2				
14/ 13																				2				
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								
Element (X)	Σ x ²		Σ x		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

2

PSYCHROMETRIC SUMMARY

MAR
MONTH

2100-2300
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY:

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

MONTY H.

2000-0250

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

YEARS

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23-08
STATION

CANNON AFB NM

STATION NAME

69-70, 73-80

YEARS

APR

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
60/ 65					.1				.1										2	2		
64/ 63				.3			.1			.1									4	4		
62/ 61			.3				.3		.1	.1									6	6		
60/ 59		.7	.1	.1		.1	.4	.3	.3	.1									16	16	4	
58/ 57		1.0	.3	.5	.4	.3	.1	.5	.1										25	25	7	3
56/ 55		1.2	.9	1.8	.3	.4		.1	.4										39	39	10	10
54/ 53	.1	1.7	1.4	.9	.8	.8	1.0	.7	.4	.3									62	62	18	15
52/ 51	.1	2.0	1.0	.9	1.0	.3	1.2	1.4	.5										65	66	30	14
50/ 49		2.9	1.8	.9	1.6	.9	1.0	.7	.5										79	81	49	20
48/ 47	.4	2.9	1.6	1.4	1.6	1.0	.9	.8											81	81	50	34
46/ 45	.3	2.1	1.3	1.2	1.7	1.6	.7	.5											71	71	59	48
44/ 43		1.2	1.3	2.0	2.7	1.7	1.0	.1											77	77	51	49
42/ 41		1.2	1.3	2.0	1.4	1.2	.1												55	55	60	29
40/ 39	.1	1.6	.8	1.2	2.0	.7	.1												49	49	70	23
38/ 37	.5	1.2	1.3	1.3	1.0	.7													46	46	87	30
36/ 35		1.2	.7	2.1	.8	.1													37	37	79	46
34/ 33		.3	.7	1.2	.1														17	17	61	43
32/ 31			1.3	.3															12	12	49	45
30/ 29		.4	1.0	.1															12	12	35	45
28/ 27		.9	.5																11	11	32	42
26/ 25		.1																	1	1	13	32
24/ 23																					3	42
22/ 21																						48
20/ 19																						61
18/ 17																						52
16/ 15																						12
14/ 13																						12
12/ 11																						17
10/ 9																						11
8/ 7																						4
TOTAL	1.6	22.3	17.6	18.1	15.5	9.6	7.0	5.1	2.5	.7									767	770		767
Element (X)	Σ X'		Σ X		X		Σ X		X		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	3318955		47737		62.2		21.3		11		767		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	1666507		35357		45.9		7.4		76		770			4.2					90			
Wet Bulb	1264597		30609		39.9		7.5		26		767			15.5					90			
Dew Point	896280		24652		32.1		11.6		49		767			47.3					90			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27-08
STATION

CANNON AFB NM

STATION NAME

69-70, 73-80

YEARS

APR
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 71								.1	.1									2	2			
71/ 69											.1	.1						2	2			
69/ 67					.1			.1	.3	.3	.2		.1					11	11			
66/ 65				.1	.3	.1	.2	.3	.1	.2	.3	.2						18	18			
64/ 63			.2	.1	.1		.3	.2	.1	.8		.1						18	18			
62/ 61		.1	.7	.7	.2	.4	.3	.4	.2	.1	.1							30	30	1		
59/ 59		.7	.4	.4	.3	.9	.3	.9	.8	.6	.1							49	49	5	1	
56/ 57	.1	1.2	.8	.2	.9	.7	1.0	.7	.8	.6								62	62	23	7	
55/ 55		.8	1.1	.8	.8	1.0	.6	1.1	.2	.2								59	59	21	15	
54/ 53		1.2	1.6	.8	1.1	1.0	.9	.6	.6	.2								71	71	30	16	
52/ 51	.2	1.8	1.8	.6	1.4	1.2	1.2	1.1	.2									86	87	52	30	
51/ 49		2.4	1.3	2.3	1.3	1.7	.9	.4	.1									92	92	71	28	
49/ 47	.1	2.1	1.1	.9	1.7	.9	2.0	.4	.2									85	86	60	45	
46/ 45	.1	1.0	1.0	1.0	1.3	1.0	.2	.3										54	54	85	48	
44/ 43		.6	.7	1.6	1.1	1.2	.8											53	53	81	44	
42/ 41	.1	1.2	1.1	1.0	1.8	.8	.3											57	57	85	30	
40/ 39	.2	1.0	.4	1.1	1.4	.2												40	40	81	42	
38/ 37	.1	.8	.7	.9	.4	.1												27	27	74	49	
36/ 35	.1	.4	.7	1.2	.4													26	26	63	50	
34/ 33		.3	.8	1.3	.1													23	23	53	62	
32/ 31		.7	.6															11	11	43	55	
30/ 29		.4	.6															9	9	29	41	
28/ 27		.4	.1															5	5	22	56	
26/ 25		.4	.2															6	6	12	55	
24/ 23			.1															1	1	4	33	
22/ 21		.1																1	1	1	67	
20/ 19																				2	48	
18/ 17																					18	
16/ 15																					20	
14/ 13																					21	
12/ 11																					7	
10/ 9																					5	
8/ 7																					3	
6/ 5																					1	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23-06

CANNON AFB NM

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0800

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23-08
STATIC

CANNON AFB NM

69-70, 73-80

APR

MONTH

PAGE 1

0900-1100

NOV 1988 (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APP

YEARS

MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23008	CANYON AFB NM
STATION	STATION NAME

69-70, 73-80

YEARS

APR

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23-08 CANNON AFB NM
STATION STATION NAME

69-70, 73-80
YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89																	.2	2	2			
88/ 87																	.2	2	2			
86/ 85																.1	.8	.1	9	9		
84/ 83															1.1	1.3		22	22			
82/ 81											.1	.1	.1	.9	2.3	1.9		49	49			
80/ 79											.4	.7	.2	1.6	4.1	.4		67	67			
78/ 77									.1	.2	.4	.8	1.0	1.9	3.1			68	68			
76/ 75						.1			.1	.8	.8	1.2	.9	4.4	1.7			90	90			
74/ 73									.1	.7	.6	.4	1.3	2.8				53	53			
72/ 71							.1	.4	.3	1.3	1.7	1.2	2.1	.9				73	73			
70/ 69							.6	.4	.3	.6	1.8	.7	2.6	.4				66	66			
68/ 67						.2	.8	1.1	.2	.1	1.1	1.1	1.6					56	56			
66/ 65					.1	.1	.7	.8	1.1	1.0	1.2	.1						46	46	1		
64/ 63					.6	.1	.7	.2	.4	.9	1.9	1.8	.1					60	60			
62/ 61			.1	.3	.3	.1		.3	.6	.9	.9	.7						38	38	3	1	
60/ 59		.1	.1	.3	.1		.3	.1	.8	.4	.1							22	22	15		
58/ 57		.1	.1		.3	.2	.4	.3	.7	.6	.1							26	26	47		
56/ 55	.1	.2	.6	.3	.2	.3	.6	.1	.6	.3	.1							31	31	81	4	
54/ 53		.2	.7	.1	.2	.4	.1	.7	1.3	.1								35	35	98	7	
52/ 51		.1	.2	.1	.3	.3	.2	.7										18	18	136	15	
50/ 49		.1	.1		.4	.1	.7											13	13	146	15	
48/ 47			.2	.2	.1	.2	.3	.1										11	11	84	27	
46/ 45			.1		.3	.3												7	7	75	25	
44/ 43		.2	.2	.1		.2												7	7	71	19	
42/ 41		.1			.8													8	8	47	23	
40/ 39	.2	.2	.1	.1	.2		.1											9	9	33	37	
38/ 37	.3		.1		.1		.1											6	6	30	39	
36/ 35	.3	.1		.1	.1													6	6	16	46	
34/ 33																				10	45	
32/ 31																				2	49	
30/ 29																				3	51	
28/ 27																				1	44	
26/ 25																				1	49	
24/ 23																					66	
Element (X)	Σ X ¹		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 08 CANNON AFB NM 69-70,73-80

APP
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																.1		1	1		
82/ 81															.1	.2		3	3		
80/ 79																.2		2	2		
78/ 77											.2		.2	1.0	.4			17	17		
76/ 75									.1	.3	.4	.2	1.4	.3				26	26		
74/ 73								.1	.4	.4	.4	1.3	1.4					38	38		
72/ 71					.1				.3	.4	.9	1.1	1.6	.4				44	44		
70/ 69						.1	.2	.3	.2	1.1	.6	1.6	1.3					49	49		
68/ 67					.1		.2	.3	.9	.8	1.2	1.4	1.8					61	61		
66/ 65					.4	.4	.3	.8	.4	.9	1.6	1.1	.6					59	59		
64/ 63			.1	.2	.3	.2	.9	.7	.9	1.6	1.2	1.3						67	67	1	
62/ 61	.1	.1	.4	.3	.3	.9	.8	1.0	.9	2.1	2.0	.7						87	87	2	1
60/ 59		.1	.1	.3	.6	.3	.8	.8	1.1	1.2	1.1	.1						59	59	8	2
58/ 57		.1	.2	.1	.8	.4	.4	1.4	1.9	.8	1.0							65	65	21	2
56/ 55	.1	.2	.6	.2	.7	.8	.8	1.3	1.0	.7								57	57	27	12
54/ 53	.1	.9	1.4	.2	.3	1.0	1.3	1.1	.9	.3								69	69	51	4
52/ 51		.4	.7	.2	.3	.3	.6	.6	.4									32	32	89	22
50/ 49		.8	.1	.2	.6	.6	1.0	1.2	.2									42	42	97	14
48/ 47		.6	.2	.4	.2	.3	.8	.4										27	27	112	24
46/ 45		.1	.3		.3	.7	.7	.1										20	20	96	34
44/ 43		.3	.1	.3	.2	.4												13	13	104	24
42/ 41		.3	.2	.3	.9	.1												17	17	100	31
40/ 39	.1		.2	.1	.6	.1												10	10	50	35
38/ 37	.6		.2	.3	.2													12	12	50	32
36/ 35	.3		.4	.6														12	12	40	33
34/ 33			.3	.1														4	4	22	57
32/ 31		.1	.1															2	2	15	44
30/ 29		.1																1	1	8	54
28/ 27		.1																1	1	3	52
26/ 25																				1	55
24/ 23																					55
22/ 21																					71
20/ 19																					57
18/ 17																					53
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 60 F	60-70 F	70-80 F	80-90 F	90-100 F	≥ 93 F			Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR

1800-2000

HOURS (L - S - T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

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MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
80/ 79														.1	.1						1	1		
76/ 75														.1							1	1		
74/ 73										.1				.1							2	2		
72/ 71											.1	.1									2	2		
70/ 69						.1				.2	.2		.1								6	6		
68/ 67						.2	.4	.3		.4	.2	.1									16	16		
66/ 65					.3	.2	.2	.6	.2	.4	.3	.1									22	22		
64/ 63					.4	.3	.3	.4	.7	1.0	.6	.2									36	36		
62/ 61			.3	.7	.2	.4	.7	.9	.4	.8	.8	.3									50	50	1	
60/ 59		.3	1.1	.7	.9	1.2	1.2	1.2	.9	1.3	1.3										92	92	3	
58/ 57		1.0	.3	.3	1.0	.9	.8	1.7	1.2	.6	.4										74	74	13	?
56/ 55		.4	.4	1.0	.8	1.0	.8	2.1	.9	1.3	.1										80	80	40	10
54/ 53		.6	.9	.3	1.1	.6	1.7	1.2	1.2	.4											72	72	19	19
52/ 51	.2	1.4	.6	.4	.8	1.4	2.2	1.6	1.3												90	90	53	25
50/ 49	.1	1.9	.6	.7	1.9	1.9	1.6	1.7	.6												97	97	77	20
48/ 47		.4	.4	.4	1.2	.7	1.1	.2													41	41	67	34
46/ 45		.8	.7	1.3	.7	1.0	.9	.6													53	53	64	39
44/ 43		.7	.7	.9	.8	1.2	.6														43	43	82	26
42/ 41		.4	.2	.7	1.1	.3	.4														29	29	114	37
40/ 39	.2	.7	.3	.9	.8	.1															27	27	107	37
38/ 37	.4		.2	.8	.2																15	15	86	39
36/ 35		.3	1.3	.3	.2																20	20	46	41
34/ 33		.2	.8	.2																	11	11	58	49
32/ 31		.3	.3																		6	6	37	59
30/ 29		.2	.4																		6	6	15	57
28/ 27		.2	.1																		3	3	8	55
26/ 25		.2																			2	2	7	65
24/ 23																								36
22/ 21																								58
20/ 19																								48
18/ 17																								35
16/ 15																								22
14/ 13																								29
12/ 11																								27
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008
STATIC

CANNON AFB NM

69-70, 73-80

APR

MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08 CANNON AFB NM

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point												
91/ 91																		.0	1	1													
90/ 89																		.1	4	4													
88/ 87																	.0	.0	5	5													
86/ 85															.0	.1	.1	.1	20	20													
84/ 83															.0	.3	.3	.0	42	42													
82/ 81											.0	.0	.1	.2	.6	.4		104	104														
80/ 79										.0	.1	.1	.1	.5	.8	.1		124	124														
78/ 77									.0	.0	.2	.2	.4	.7	.8			161	161														
76/ 75						.0	.0	.1	.1	.2	.3	.4	.4	1.2	.4			220	220														
74/ 73							.0	.1	.1	.3	.3	.3	.7	.9				189	189														
72/ 71					.0	.0	.1	.1	.3	.5	.6	.6	.9	.3				241	241														
70/ 69				.0	.0	.1	.2	.3	.3	.4	.7	.7	.9	.1				255	255														
68/ 67				.0	.1	.1	.3	.5	.4	.5	.5	.7	.7					264	264														
66/ 65			.0	.0	.3	.2	.3	.4	.4	.7	.8	.6	.2					270	270	1													
64/ 63			.1	.1	.3	.2	.5	.4	.6	.8	.7	.6	.0					307	307	7													
62/ 61	.0	.1	.3	.5	.3	.4	.4	.5	.7	.8	.7	.3						352	352	28	3												
60/ 59		.3	.4	.4	.5	.6	.6	.7	.9	.8	.5	.1						395	395	80	7												
58/ 57	.0	.5	.4	.4	.6	.4	.7	.9	.9	.5	.3							400	400	201	25												
56/ 55	.0	.5	.6	.7	.6	.7	.6	1.0	.7	.5	.1							423	423	338	78												
54/ 53	.0	.8	1.0	.5	.6	.7	.9	.9	.8	.3								463	463	428	94												
52/ 51	.1	1.0	.8	.6	.7	.7	1.0	1.0	.6	.1								446	449	593	170												
50/ 49	.1	1.3	.6	.8	.9	.8	.8	.8	.2	.0								447	449	732	167												
48/ 47	.1	1.0	.6	.6	.8	.7	1.0	.4	.0									360	361	616	254												
46/ 45	.0	.6	.5	.6	.8	1.0	.5	.2										301	301	618	317												
44/ 43		.5	.4	.8	.8	.8	.4	.0										268	268	601	256												
42/ 41	.0	.6	.4	.6	.9	.4	.1											221	221	586	265												
40/ 39	.2	.6	.3	.5	.8	.2	.1											189	189	517	295												
38/ 37	.4	.3	.4	.6	.4	.1	.0											151	151	483	314												
36/ 35	.1	.3	.5	.7	.2	.0												130	130	378	343												
34/ 33		.1	.4	.5	.0													73	73	267	368												
32/ 31		.2	.4	.1														44	44	200	439												
30/ 29		.2	.4	.0														42	42	132	379												
28/ 27		.2	.1															22	22	85	400												
26/ 25		.1	.0															11	11	44	424												
Element (X)	Σ X'					Σ X					Σ					Σ _n					No. Obs.					Mean No. of Hours with Temperature						Total	
Rel. Hum.																										≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMAR

69-70, 73-80

AF 2

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23.06 STATION CANNON AFB NM

69-70,73-80

YEARS

MAY
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.1			.1	.1							3	3		
72/ 71					.1													1	1		
71/ 69				.2		.5	.2					.1	.1					10	10		
69/ 67		.1	.5		.1	.6	.2	.5	.2	.1								20	20		
66/ 65		.4	1.0	.2	.5	1.0	.9	.6	.2	.2	.2							43	43	1	1
64/ 63		.1	1.2	.4	.6	1.1	.7	.9	.4	.2	.2							48	48	11	3
62/ 61		.2	1.5	2.0	1.7	.2	.6	.9	1.1	.2	.1							70	70	12	6
61/ 59	.5	1.7	2.2	2.6	1.4	1.0	.9	.6	1.6	.4								104	104	28	23
58/ 57		2.7	1.6	1.7	.9	.4	1.0	.7	.7	.4								82	82	51	15
56/ 55	.1	2.9	3.0	2.4	.9	1.0	.6	1.2	.4	.2								102	102	67	34
54/ 53		1.1	3.3	2.6	1.2	1.4	.9	.5	.1									90	90	103	46
52/ 51		1.5	2.4	2.1	1.2	1.0	.4	.2	.1									72	72	67	71
50/ 49		1.1	2.1	1.5	1.0	.6	.4	.1										55	55	92	68
48/ 47		.5	2.0	.6	1.0	.1	.4	.5										41	41	76	47
46/ 45		.6	1.0	.7	.2	.1	.1											23	23	84	59
44/ 43		.2	.4	.6	.4													13	13	76	69
42/ 41		.9	.4	.4	.1													14	14	54	49
41/ 39		.4	.4	.1														7	7	34	53
38/ 37		.2																2	2	26	38
36/ 35			.4															3	3	12	37
34/ 33			.4															3	3	5	37
32/ 31																				3	31
30/ 29																				2	27
28/ 27																					22
26/ 25																					17
24/ 23																					17
22/ 21																					12
20/ 19																					7
18/ 17																					4
16/ 15																					5
14/ 13																					4
12/ 11																					4
TOTAL	.6	14.8	23.7	18.2	11.4	9.1	7.4	6.8	5.0	2.0	.7	.1	.1					806	806	806	806
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	3611337		51457		63.8		20.130		806		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	2548073		45001		55.8		6.646		806				3.9	.3			93				
Wet Bulb	1967246		39470		49.0		6.536		806			.6					93				
Dew Point	1529356		34078		42.3		10.487		806				17.3				93				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

YEARS

MAY
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
75/ 75					.1													1	1		
71/ 69																				1	
65/ 67				.3		.1												3	3		
66/ 65			1.4		.4	.1		.1										16	16		1
64/ 63		.8	1.3	.3	.6	.1												24	24	2	
62/ 61	.4	1.4	.9	1.7	.6	.4	.3	.3	.1	.1								48	48	25	16
61/ 59		2.3	1.5	2.4	1.2	.5	.5	.3	.3									70	70	20	21
58/ 57		2.6	3.1	1.3	.8	.5	.4	1.2	.1	.1								78	78	34	18
55/ 55	.1	4.1	4.0	.8	1.0	.8	.5	1.3	.3									100	100	55	33
54/ 53		3.1	5.2	1.7	1.4	.9	1.3	.8	.3									113	113	97	35
52/ 51		1.4	2.4	1.3	.8	1.9	1.3	.3	.1									74	74	62	72
50/ 49	.4	1.8	3.1	2.4	.9	.4	.6	.4										78	78	88	76
48/ 47		1.3	2.7	.9	1.3	.5	.8	.4										61	61	60	51
46/ 45	.1	1.5	1.9	1.0	.1	.4	.3											42	42	68	65
44/ 43		.6	.5	.9	.5		.3											22	22	82	49
42/ 41		1.4	.8	.4			.1											21	21	62	43
40/ 39		.3	1.3	.3														14	14	46	55
38/ 37		.3	.1															3	3	36	29
36/ 35		.3	.3															4	4	20	31
34/ 33			.3															2	2	11	27
32/ 31			.3															2	2	3	48
30/ 29																				3	23
28/ 27																				1	17
26/ 25																					23
24/ 23																					13
22/ 21																					10
20/ 19																					3
18/ 17																					2
16/ 15																					6
14/ 13																					7
12/ 11																					1
TOTAL	1.0	23.2	31.1	15.6	9.8	6.6	6.4	4.9	1.2	.3								776	776		776
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	4090649		54419		70.1		18.816		776		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	2229477		41305		53.2		6.313		776			.2	.5	.1			93				
Wet Bulb	1824547		37235		48.0		6.992		776				.8	.1			93				
Dew Point	1503157		33155		42.7		10.570		776			18.3					93				

FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																.1		1	1		
82/ 81																.1		1	1		
80/ 79								.1				.1						2	2		
78/ 77							.1	.1			.1	.1	.1					5	5		
76/ 75							.1	.1	.1	.1	.1			.1				5	5		
74/ 73					.1	.3	.1	.1	.4	.3	.1		.2					16	16		
72/ 71				.4	.3	.2	.1	.4	.1	.6	.5	.3	.2	.1				32	32		
70/ 69			.1	.5	.3	1.0	.6	.3	.5	.3	.1	.2	.1					39	39		
68/ 67		.1	.2	.8	.5	.8	.5	.5	.4	.5	.5	.4						50	50	1	
66/ 65			1.2	1.0	1.5	1.2	1.3	.2	.3	.3	.3	.1						69	69	10	
64/ 63		.9	1.4	1.5	1.2	.9	1.1	.2	.6	.3	.1	.1						77	77	19	6
62/ 61		1.3	1.3	2.4	1.3	.9	1.1	.5	1.1	.1	.1							93	93	35	19
60/ 59	.1	.6	2.2	2.5	1.2	1.5	1.0	.9	.5	.2	.1							100	100	62	30
58/ 57	.1	1.7	2.2	1.7	1.2	.8	.6	.6	.2	.1								86	86	74	35
56/ 55		2.6	2.2	1.5	1.1	1.3	.8	.8	.3									97	97	99	36
54/ 53	.1	.9	1.9	1.3	.6	.5	.6	.5	.1									62	62	114	83
52/ 51		1.2	1.7	1.5	1.2	.4			.1	.1								51	51	87	84
50/ 49	.1	1.3	1.6	1.4	.9	.5	.2	.1										57	57	99	68
48/ 47		.6	1.0	.3	.5	.2	.3											28	28	83	65
46/ 45	.2	.4	.8	.4	.1	.1												19	19	89	65
44/ 43		.4	.6	.4	.3		.1											18	18	57	61
42/ 41	.1	.4	.3	.2														10	10	44	66
40/ 39			.6	.2														8	8	23	42
38/ 37		.1																1	1	16	44
36/ 35			.2															2	2	12	34
34/ 33																				2	51
32/ 31																				3	34
30/ 29																					17
28/ 27																					21
26/ 25																					22
24/ 23																					8
22/ 21																					12
20/ 19																					7
18/ 17																					5
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008
STATIC

CANNON AFB NM

69-70, 73-80

MAY
MONTH

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

2

13761033 PM

YEARS

PAGE 1

PSYCHROMETRIC SUMMARY

23-08

CANNON AFB NM

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

MOUSE (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
96/ 95																	.1	1	1			
94/ 93																	.6	6	6			
92/ 91																.2	.3	1.1	15	15		
90/ 89													.1	.3	1.0	.5	1.6	33	33			
88/ 87										.1	.2	.1	.3	.3	1.2	1.9	39	39				
86/ 85									.1	.1	.1	.4	.9	.5	.5	2.2	.8	52	52			
84/ 83								.1	.2	.2	1.4	.5	.4	1.2	1.6	2.2	.1	74	74			
82/ 81								.6	.6	.8	1.1	1.2	1.6	1.8	.6			78	78			
80/ 79								.4	1.1	1.2	2.0	1.3	2.0	1.5	1.1			99	99			
78/ 77						.1	.8	.8	1.1	1.7	1.3	1.8	1.0	.6				85	85			
76/ 75				.1	.1	.5	1.0	2.0	1.8	1.1	.8	.8	.3					79	79			
74/ 73			.2		.6	.4	1.3	1.6	.9	.4	.8	.2						60	60			
72/ 71				.3	.4	.6	1.5	.2	.8	.6	.5	.1						48	48			
70/ 69			.6	1.4	.6	.4	.8	.5	.4	.3								48	48	4		
68/ 67			.5	.4	1.0	.8	.2	.6	.5	.5	.2	.2						47	47	7		
66/ 65		.4	.1	.5	.4	.2	.9	1.1	.2	.2	.1							39	39	23		
64/ 63			.2	.6	.3	.4	.8	.1	.2	.1	.1							27	27	62	2	
62/ 61	.1	.1		.5	.2	.2	.2	.1	.4			.1						19	19	72	6	
60/ 59		.1	.5	.1	.5	.4	.1	.2										19	19	111	11	
58/ 57	.1	.4	.4	.1	.3	.2	.4	.1										20	20	160	17	
56/ 55	.1	.1	.4		.1	.1	.1											9	9	172	29	
54/ 53		.2	.2			.3	.2											9	9	102	45	
52/ 51	.2	.4				.1												7	7	75	47	
50/ 49	.1	.2	.1		.1	.1												6	6	56	50	
48/ 47			.6															6	6	36	67	
46/ 45				.2																17	79	
44/ 43	.1																	3	3	14	60	
42/ 41	.1																	1	1	12	46	
40/ 39	.1																	1	1	5	45	
38/ 37																				2	69	
36/ 35																					67	
34/ 33																					40	
32/ 31																					51	
30/ 29																					57	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

23408

CANNON AFB NM

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

2200 270
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.2	2	2	
94/ 93																	.8	7	7	
92/ 91																.5	2.2	25	25	
90/ 89													.2	.1		.8	2.4	33	33	
88/ 87												.1	.2	1.0	.4	1.5	2.6	54	54	
86/ 85										.1		.4	.4	.8	1.3	1.8	1.9	63	63	
84/ 83									.1	.2	.4	.4		1.3	2.2	2.0	.1	63	63	
82/ 81								.1	.2	1.2	.6	.6	1.3	2.3	1.9	.6		83	83	
80/ 79									.2	1.1	1.1	2.4	2.5	1.9	1.5	.1		100	100	
78/ 77						.1	.2	.1	.9	1.6	.9	1.4	1.3	1.2	1.3			83	83	
76/ 75						.2		1.0	.6	.8	2.4	.5	.5	1.3	.3			71	71	
74/ 73						.3	.2	.9	1.3	1.2	1.0	.8	.8	.4				63	63	
72/ 71					.3	.5	.2	1.2	1.0	.9	1.0	.8	.4	.1				59	59	
70/ 69				.1		.5	1.4	.5	.1	.5	.8	.4	.3					44	44	1
68/ 67				.2	.1	.5	.6	.5	.2	.2	.5		.2					30	30	6
66/ 65				.2	.1	.3	.2	.8	.6	.1	.1		.1					24	24	12
64/ 63			.2	.4		.3	.5	.9	.4	.6	.1							33	33	44
62/ 61			.2	.3	.2	.3	.2	.2	.9	.2								24	24	68
60/ 59			.3	.1	.2	.1	.2	.3	.3									15	15	107
58/ 57		.2	.1	.6	.5	.2												16	16	172
56/ 55			.1	.3	.1		.3	.2										10	10	185
54/ 53				.1		.1		.1										3	3	104
52/ 51		.2	.8		.1													10	10	83
50/ 49		.1	.1	.3														5	5	71
48/ 47		.2	.1															3	3	37
46/ 45																				18
44/ 43			.2	.2														4	4	14
42/ 41		.2		.1														3	3	1
40/ 39																				5
38/ 37																				2
36/ 35																				
34/ 33																				
32/ 31																				
30/ 29																				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAY
MONTH

1500-1700

[illegible]

2

1

MONTH

HOURS (L. S. T.)

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

23 08
STAT

CANNON AFB NM

69-70, 73-80

MAY

MONTH

PAGE 2

1800-2000

HOURS (L, S, T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23.08
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 77								.1	.1		.2	.1	.2	.2		.1		1	1		
76/ 75							.1	.1		.2	.3	.3						9	9		
74/ 73					.1		.2	.3		.3	.3				.1			13	13		
72/ 71				.1	.4	.1	.4	.3	.5	.3	.4	.2	.1	.1				29	29		
70/ 69			.1	.1	.1	.2	.6	.3	.4	.4	.4	.5	.1					32	32		
68/ 67		.1	.2	.4	.4	.6	.4	1.0	.6	.5	1.0	.4						54	54		
66/ 65			.1	.6	1.3	.6	1.0	.9	1.5	.9	.6	.3						73	73	5	1
64/ 63		.1	.5	1.3	2.0	1.9	1.9	1.4	1.0	1.4	.9	.1						117	117	9	2
62/ 61		.6	1.0	2.0	2.0	1.2	1.3	.9	1.9	1.4	.9							123	123	13	4
60/ 59		1.5	.4	2.9	1.3	1.6	1.6	1.8	.9	.3	.1							116	116	38	13
58/ 57		1.8	1.4	1.7	1.9	1.3	.4	1.3	.5	.2								99	99	68	18
56/ 55		.8	1.4	1.1	1.3	1.1	1.1	.6	.4	.1								73	73	93	44
54/ 53		.5	1.1	1.1	1.1	.5	.1	.3	.2									46	46	114	45
52/ 51		.8	1.5	1.6	.6	.9	.4	.2										56	56	97	58
50/ 49		.3	1.0	1.3	.8	.4	.2	.1										38	38	113	68
48/ 47	.1	.5	.4	.3	.8	.1	.2											23	23	113	65
46/ 45		.4	.6	.1	.2													13	13	107	73
44/ 43		.1	.1	.3	.2													7	7	76	62
42/ 41		.2																2	2	42	48
40/ 39			.3															3	3	22	84
38/ 37			.3															3	3	9	43
36/ 35																				8	45
34/ 33																				3	44
32/ 31																					51
30/ 29																					44
28/ 27																					25
26/ 25																					16
24/ 23																					19
22/ 21																					18
20/ 19																					12
18/ 17																					12
16/ 15																					10
14/ 13																					5
12/ 11																					1
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Mean No. of Hours with Temperature		
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F
Dry Bulb																			≥ 73 F	≥ 80 F	≥ 93 F
Wet Bulb																			Total		
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

23008

CANNON AFB NM

69-70, 73-87

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 7

2100-2300

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRI

23.08
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

PA

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31		
96/ 95																	.0	1	
94/ 93																	.2	4	
92/ 91														.0	.0	.1	.4	7	
90/ 89													.1	.1	.1	.2	.5	11	
88/ 87									.0	.0	.0	.1	.1	.2	.2	.4	.7	14	
86/ 85									.0	.1	.3	.2	.1	.2	.3	.7	.4	18	
84/ 83								.0	.1	.3	.3	.3	.5	.7	.8	.2	.1	22	
82/ 81							.0	.1	.3	.5	.5	.7	.7	.7	.6	.0		30	
80/ 79						.0	.1	.2	.4	.5	.5	.6	.7	.5	.4			28	
78/ 77					.0	.1	.1	.5	.5	.7	.8	.6	.5	.6	.1			31	
76/ 75					.1	.1	.5	.4	.6	.8	.6	.4	.4	.2				29	
74/ 73				.1	.3	.4	.3	.6	.8	.5	.6	.6	.4	.1				33	
72/ 71			.0	.2	.2	.7	.8	.6	.5	.5	.4	.4	.2					32	
70/ 69		.0	.1	.3	.4	.7	.9	.6	.5	.5	.3	.1						35	
68/ 67		.0	.6	.4	.9	.8	.9	.7	.7	.5	.3	.2	.0					41	
66/ 65		.2	.6	.7	.9	.9	.9	.7	.5	.5	.3	.1						45	
64/ 63	.3	.5	.7	1.2	1.2	.6	.7	.5	.8	.4	.2	.0						47	
62/ 61	.1	.8	.9	1.5	.7	.9	.7	.7	.6	.1	.0							50	
60/ 59	.0	1.2	1.2	1.1	.8	.6	.4	.6	.2	.1								44	
58/ 57	.0	1.2	1.4	.9	.7	.7	.5	.6	.2	.1								44	
56/ 55	.0	.7	1.5	.9	.7	.4	.5	.3	.1									36	
54/ 53		.7	1.2	.9	.5	.6	.3	.1	.0									30	
52/ 51	.1	.7	1.0	.9	.5	.3	.2	.1										25	
50/ 49	.0	.4	.8	.4	.4	.2	.2	.1										17	
48/ 47	.0	.3	.6	.3	.1	.1	.0											10	
46/ 45	.0	.2	.3	.3	.2	.0												7	
44/ 43	.0	.4	.2	.1	.0	.0												5	
42/ 41		.1	.3	.1														3	
40/ 39		.1	.1															1	
38/ 37		.0	.1																
36/ 35			.1																
34/ 33			.1																
32/ 31			.1																
30/ 30																			
Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
No. Obs.		No. Obs.		No. Obs.		No. Obs.		No. Obs.		No. Obs.		No. Obs.		No. Obs.		No. Obs.		No. Obs.	
Mean No. of Hours with Temp.		Mean No. of Hours with Temp.		Mean No. of Hours with Temp.		Mean No. of Hours with Temp.		Mean No. of Hours with Temp.		Mean No. of Hours with Temp.		Mean No. of Hours with Temp.		Mean No. of Hours with Temp.		Mean No. of Hours with Temp.		Mean No. of Hours with Temp.	
≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80											

REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23 508
STATION

CANNON AFB NM

69-70, 73-80

MAY
MONTH

PAGE 2

ALL

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.1									1	1		
82/ 81									.1		.1							2	2		
80/ 79								.3		.1		.4						6	6		
78/ 77								.5	.4		.4	.7						15	15		
76/ 75						.9	1.4	1.3	.4	.4	.1							35	35		
74/ 73					.4	.8	1.7	1.0	.1	.9	.3							40	40		
72/ 71				.4	.9	2.9	1.3	.5	.3	.5	.8	.1	.4	.1				63	63		
70/ 69			.4	1.0	1.3	2.7	1.3	.7	1.0	.4	.4							71	71		
68/ 67		.3	2.0	1.6	2.6	1.3	.8	.5	.7	.7	.4	.4						85	85	3	
66/ 65		.8	1.6	2.0	3.0	1.2	.8	.4	.4	1.3	.3	.1	.1					91	91	29	1
64/ 63		.9	3.6	2.3	2.3	1.3	.7	.9	.7	.4	.4		.1					105	105	65	18
62/ 61	.1	2.3	4.3	1.4	1.4	.9	.5	.3	.7									92	92	105	31
60/ 59	.1	1.7	1.2	1.2	.4	.3	.1	.3	.3									42	42	137	68
58/ 57		1.7	.8	.9	.9	.4	.3	.1										39	39	99	71
56/ 55		1.2	1.2	.8	.4	.5	.5	.1										36	36	76	107
54/ 53		.1	2.0	.3		.1	.1	.1										21	21	69	97
52/ 51		.4	.4	.9	.1	.1	.3											17	17	51	68
50/ 49		.3		.3	.3													6	6	59	47
48/ 47						.1												1	1	29	40
46/ 45																				22	40
44/ 43																				14	27
42/ 41																				5	23
40/ 39																				5	23
38/ 37																					41
36/ 35																					17
34/ 33																					15
32/ 31																					9
30/ 29																					15
28/ 27																					8
26/ 25																					6
24/ 23																					6
22/ 21																					2
20/ 19																					3
18/ 17																					2
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

JUN

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2308

CANNON AFB NM

69-70, 74-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
76/ 75						.1		.1	.1		.3							5	5					
74/ 73					.1	.4		.3	.1	.4	.1							11	11					
72/ 71				.1	.7	.7	.1	.7	.1	.1	.3			.1				22	22					
70/ 69			.3	.5	2.0	2.0	.5	.1	.8	.1								48	48					
68/ 67			1.2	1.2	3.2	1.7	.8	.9	.5	.1								73	73					
66/ 65		.8	2.8	4.1	4.3	1.1		.9		.3	.4							110	110	14				
64/ 63		1.9	3.6	2.1	2.5	.7	.4	.5	.5	.3								94	94	33	12			
62/ 61		2.5	5.6	2.9	1.5	.8	.8	1.1	.7	.1								120	120	81	32			
60/ 59	.3	4.3	3.1	2.8	.9	.5	1.1	.8	.3	.1		.1						107	107	127	55			
58/ 57		2.5	1.3	.7	.9	.3	.1		.1									45	45	136	81			
56/ 55		.9	2.7	.7	.9	.1	.4											38	38	96	127			
54/ 53		1.3	1.3	.3		.8	.3											30	30	69	79			
52/ 51		.3	1.5	.3	.3	.1	.1		.3									21	21	55	75			
50/ 49		.4	.3	.5	.1	.3												12	12	36	65			
48/ 47		.3	.3	.4	.4	.3												12	12	49	33			
46/ 45					.1													1	1	18	30			
44/ 43																				18	30			
42/ 41																				5	17			
40/ 39																				7	28			
38/ 37																				3	19			
36/ 35																				2	9			
34/ 33																					16			
32/ 31																					11			
30/ 29																					9			
28/ 27																					15			
26/ 25																					4			
24/ 23																					3			
22/ 21																					1			
20/ 19																					2			
18/ 17																					1			
TOTAL	.3	15.2	23.2	16.7	18.0	9.9	4.7	5.5	3.6	1.6	1.1	.1	.1					749	749	749	749			
																		749		749				
Element (X)	Σ x ²		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x			
Rel. Hum.	3690205		50837		67.9		17.903		749		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F			
Dry Bulb	2914928		46542		62.1		5.528		749				19.1		1.9						90			
Wet Bulb	2331907		41585		55.5		5.555		749												90			
Dew Point	1959930		37726		50.4		8.936		749				4.9								90			

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2.

ISAEETAC

MONTH

0600-0800

HOURLS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23108

CANNON AFB NM

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.4	4	4	
98/ 97																.1	.7	8	8	
96/ 95														.1	.3	.7	.7	11	11	
94/ 93														.3	.6	.8	.8	15	15	
92/ 91												.3	.3	.8	1.0	.4	.8	33	33	
9 / 89											.1	.6	1.0	1.0	.7	.8	.9	45	45	
88/ 87									.1	.3	.8	2.0	.9	.9	1.1	.4	.4	63	63	
86/ 85								.1	.4	1.3	1.8	1.6	.7	1.0	.6	.4	.2	73	73	
84/ 83								.6	1.3	1.3	1.3	1.0	1.0	1.2	.3	.3		76	76	
82/ 81							.6	1.3	1.6	2.0	1.1	1.0	1.1	.7	.6	.1		90	90	
8 / 79						.1	1.3	2.0	2.0	1.1	.3	1.1	.6	.4	.1	.1	.1	83	83	
78/ 77						.4	1.0	1.8	1.3	.9	.6	.7	.3	.1		.1		65	65	
76/ 75					.6	1.8	1.2	1.8	.4	.8	.6	.6		.2	.2			73	73	
74/ 73			.1	.7	1.2	1.1	.6	.6	.9		.3	.1	.1					51	51	
72/ 71			.8	1.2	1.3	1.3	.6	.8	.2	.3	.1	.1	.1					62	62	2
7 / 69		.2	.3	.9	.6	.7	.3	.1	.4	.6	.1							38	38	39
68/ 67			.4	1.1	.6	.1	.2	.2	.7									30	30	93
66/ 65		.1	.6	.3	.1	.3	.4	.3	.1									21	21	153
64/ 63		.2	.3	.1	.3	.3	.2	.1	.1									16	16	146
62/ 61					.2		.1	.1										4	4	114
60/ 59	.9	.7	.1		.2	.2												19	19	101
58/ 57		.3	.4		.2													9	9	91
56/ 55	.1	.7			.1													8	8	53
54/ 53																				36
52/ 51			.1		.1													2	2	35
50/ 49					.1													1	1	19
48/ 47																				12
46/ 45																				2
44/ 43																				2
42/ 41																				
40/ 39																				
38/ 37																				
36/ 35																				
34/ 33																				
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature					Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY:

YEARS

JUN
MONTH

HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

JUN
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

USAFETAC
FORM
NA 1A
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

PAGE 2

PAGE 2

1500-170
HOURS (L.S.T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08 CANNON AFB NM

69-70,73-80

JUN
MONTH

STATION

STATION NAME

YEARS

PAGE 1

18 0-200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P	
102/101																	.2	2	2			
100/99																	.6	5	5			
98/97																	.7	6	6			
96/95																.2	1.2	13	13			
94/93															.3	.6	.8	15	15			
92/91												.1	.3	.2	1.1	.4	1.2	31	31			
90/89											.1	.2	.3	.7	.4	.9	1.7	39	39			
88/87											.6	.2	1.9	1.2	.7	.8	.9	56	56			
86/85								.1	.1	.1	1.1	.2	1.4	.9	.8	1.0	.3	55	55			
84/83								.2	.1	1.1	1.0	1.8	1.6	1.1	.3	.7		71	71			
82/81							.1	.4	.4	.9	1.6	.9	1.4	.6	.7	.4	.1	68	68			
80/79						.2	.6	.6	1.4	1.7	1.4	1.1	1.2	.9	.6		.1	88	88			
78/77						.4	1.1	1.2	.9	1.8	1.2	.4	.6	.9	.1	.1		79	79			
76/75					.2	1.0	1.1	.9	1.1	1.0	1.0	.8	.4	.1				69	69			
74/73					.6	.7	1.2	1.3	.8	.3	.4	.4	.3	.1	.1			57	57			
72/71					.6	.8	.6	1.1	.4	.6	.4	.2						42	42	1		
70/69			.3	1.0	1.2	1.2	.3	.3	.9	.8	.1		.1					57	57	14		
68/67		.1	.4	.8	.9	.4	.4	.2	.2	.1	.3	.1						37	37	33		
66/65		.2	1.1	.6	.1	.3	.3	.2	.1		.1							28	28	84		
64/63	.1	.6	.8	.4		.3	.1	.2	.3									26	26	135		
62/61		.2	.2	.8	.2	.2	.1			.1								17	17	173		
60/59	.2		.8	.1	.1				.2									13	13	132		
58/57		.2	.2	.3	.1			.1										9	9	106		
56/55		.1	.7				.1											8	8	85		
54/53		.2	.2															4	4	63		
52/51		.3																3	3	43		
50/49																				14		
48/47																				7		
46/45																				5		
44/43																				3		
42/41																						
40/39																						
38/37																						
36/35																						
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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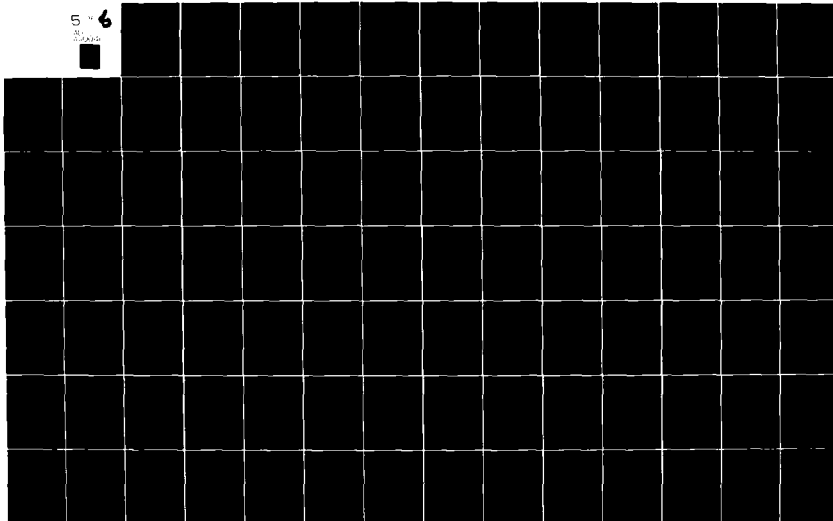
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CANNON AFB, CLOVIS, NEW MEXICO REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
SEP 81

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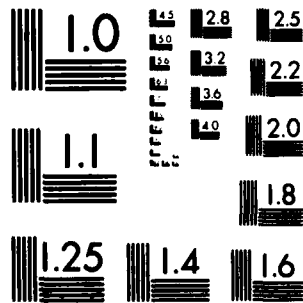
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

2

1

JUN

MONTH

1800-2000

1000-2000
HOURS (L. S. T.)

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
88/ 87															.1			1	1				
86/ 85														.1				2	2				
84/ 83											.1	.2	.4	.2		.3		14	14				
82/ 81								.1	.2	.4	.6	.3	.6		.1			21	21				
80/ 79						.2	.2	.2	1.1	.6	1.0	.8	.7		.3			46	46				
78/ 77						.3	.7	1.0	1.6	1.7	.8	.8	.6	.2	.1	.1		70	70				
76/ 75				.1	.4	.9	1.3	1.6	1.9	.4	.7	.7	.4	.3	.2			81	81				
74/ 73				.2	.6	1.1	2.0	1.3	1.2	.8	1.3	1.0	.1	.2				89	89				
72/ 71			.2	.6	1.2	.6	1.9	2.1	.9	.3	.6	.3		.3				81	81				
70/ 69			.3	1.4	.9	2.3	1.6	1.0	1.0	.7	.8	.1						91	91	7			
68/ 67			1.1	1.1	2.8	1.6	1.3	1.0	.7	.9	.3	.1	.1					99	99	15			
66/ 65		.3	1.9	.9	1.2	.9	.7	.9	.8	.3	.3		.1					75	75	47	8		
64/ 63		.6	2.0	1.3	1.1	.7	1.4	.9	.2	.2	.1							77	77	86	23		
62/ 61	.1	1.2	2.3	.9	.3	.3	.1	.7	.2		.1							57	57	117	46		
60/ 59	.1		1.4	.6	.3	.6	.7	.1	.1									35	35	165	51		
58/ 57		.9	.9		.2	.2	.1	.1										22	22	111	59		
56/ 55		.2	1.0	.1		.1	.2	.1										16	16	102	103		
54/ 53		.3	.4	.2	.2		.1	.2										14	14	74	84		
52/ 51		.1				.1	.1											3	3	71	82		
50/ 49		.2				.2												4	4	46	74		
48/ 47																				29	55		
46/ 45																				15	42		
44/ 43																				4	47		
42/ 41																				8	36		
40/ 39																				1	29		
38/ 37																					33		
36/ 35																					27		
34/ 33																					19		
32/ 31																					18		
30/ 29																					21		
28/ 27																					10		
26/ 25																					9		
24/ 23																					6		
22/ 21																					5		
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							
Mean No. of Hours with Temperature																							
≤ 0 F ≤ 32 F ≤ 67 F ≤ 73 F ≤ 80 F ≤ 93 F Total																							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PAGE 2

JUN
MONTH

PAGE 2

2100-2300
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23-08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
106/105																		.0	3	3		
104/103																		.4	26	26		
102/101																		.6	43	43		
100/ 99																	.0	.7	50	50		
98/ 97															.0	.1	1.0	76	76			
96/ 95														.1	.1	.4	1.3	134	134			
94/ 93												.0	.1	.3	.4	.5	1.1	164	164			
92/ 91											.0	.1	.3	.5	.8	.5	1.0	231	231			
90/ 89										.0	.2	.4	.5	.6	.5	.5	.9	254	254			
88/ 87									.0	.1	.3	.6	.7	.9	.6	.5	.4	296	296			
86/ 85								.0	.2	.4	.8	.6	.5	.7	.4	.3	.1	273	273			
84/ 83							.0	.2	.4	.6	.7	.7	.7	.7	.2	.3	.0	313	313			
82/ 81							.1	.4	.5	.8	.8	.5	.5	.3	.2	.1	.0	297	297			
80/ 79						.1	.4	.8	1.0	.7	.6	.8	.4	.3	.1		.0	356	356			
78/ 77				.0	.3	.7	.9	.9	.7	.6	.4	.3	.3	.0	.0			357	357			
76/ 75			.0	.2	.8	1.0	1.3	.7	.6	.4	.5	.2	.1	.1				419	419			
74/ 73			.1	.6	.8	1.3	.7	.5	.5	.4	.3	.1	.1	.0				364	364			
72/ 71		.0	.4	.9	1.1	.9	.7	.5	.3	.4	.2	.1	.1					386	386	12		
70/ 69		.2	1.0	1.1	1.4	.7	.4	.6	.5	.3	.1	.0						428	428	143		
68/ 67	.1	.8	1.0	1.7	.9	.6	.5	.4	.4	.2	.1	.0						452	452	366	1	
66/ 65	.3	1.2	1.2	1.3	.5	.4	.4	.3	.3	.1	.0	.0						431	431	693	26	
64/ 63	.5	1.5	1.0	1.0	.5	.4	.4	.3	.1	.1	.0	.0						410	410	905	178	
62/ 61	.0	.8	1.0	1.0	.6	.4	.2	.3	.2	.0	.0							368	368	1032	310	
60/ 59	.1	1.0	1.1	.8	.3	.2	.4	.2	.1	.0		.0						295	295	1007	451	
58/ 57	.0	.7	.5	.4	.3	.1	.1	.1	.0									163	163	814	558	
56/ 55	.4	.8	.3	.2	.1	.2	.1	.0										140	140	584	735	
54/ 53	.4	.5	.1	.1	.1	.1	.0											87	87	458	654	
52/ 51	.2	.2	.1	.1	.1	.1		.0										54	54	340	577	
50/ 49	.1	.0	.1	.1	.1													27	27	233	490	
48/ 47	.0	.0	.0	.0	.0													13	13	159	409	
46/ 45				.0														1	1	73	445	
44/ 43																				52	331	
42/ 41																				23	298	
40/ 39																				14	256	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F				
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

JUN
MONTH

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23008	CANNON AFB NM
STATION	STATION NAME

69-70, 73-80

YEARS

JUL
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

HOOPER (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2308
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

YEARS

JUL
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point	
100/ 99																	.1	1	1			
98/ 97																	.1	2	2			
96/ 95															.1	.1	.3	.4	9	9		
94/ 93													.3	.9	.3	.6		20	20			
92/ 91										.2	.9	1.6	1.7	.4				45	45			
90/ 89										.2	1.3	3.0	2.2	1.1	.3			75	75			
88/ 87										1.9	2.5	2.6	1.3	.3				80	80			
86/ 85						.2			1.8	3.5	3.9	2.6	.4	.1	.1			118	118			
84/ 83						.4	1.5	3.2	3.5	2.7	.6							112	112			
82/ 81						1.4	3.0	3.4	2.6	.5	.1							103	103			
80/ 79					.1	1.2	1.7	4.1	1.7	.3								85	85			
78/ 77					.4	1.4	3.5	1.4	.6									69	69			
76/ 75				.1	1.6	2.7	1.7	.5	.1									63	63			
74/ 73				.5	2.3	1.3	1.2											49	49		3	
72/ 71		.1	.4	1.1	1.4	.4												32	32		15	
70/ 69		.2	1.1	.8	.6	.4												29	29		139	
68/ 67		.5	.2	.8	.4													18	18		256	
66/ 65		.2	.8	.1	.3													13	13		296	
64/ 63		.1	.2	.2														5	5		162	
62/ 61	.1		.1															2	2		42	
60/ 59																					13	
58/ 57																					3	
56/ 55																					1	
54/ 53																						
52/ 51																						
50/ 49																						
48/ 47																						
46/ 45																						
44/ 43																						
42/ 41																						
40/ 39																						
38/ 37																						
TOTAL	.1	1.2	2.7	3.7	7.2	7.4	10.2	10.5	11.0	12.2	11.1	9.8	5.8	4.2	1.4	1.0	.6	930	930		930	
Element (X)	Σ X'		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.	2243169		43327		46.6		15.550		930		≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb	6246518		75954		81.7		6.826		930				91.0		83.1		60.9		3.2			
Wet Bulb	4072993		61505		66.1		2.410		930				41.3		.3							
Dew Point	3125919		53747		57.8		4.610		930				.8									

PSYCHROMETRIC SUMMARY

23.08

CANNON AFB NM

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

22 10 240
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
106/105																	.1	1	1			
104/103																	.1	1	1			
102/101																	.4	4	4			
100/ 99																.1	1.5	15	15			
98/ 97													.1		1.4	1.1	1.8	41	41			
96/ 95													.1	1.4	2.6	2.4	1.1	70	70			
94/ 93												.2	1.9	3.3	3.2	1.1	.1	92	92			
92/ 91												2.7	3.7	3.4	2.0	.4	.2	116	116			
90/ 89										.1	1.9	3.7	2.6	2.3	.5	.1		104	104			
88/ 87									.1	.3	1.6	4.3	3.7	1.1	.6	.1		110	110			
86/ 85									.6	1.2	3.0	3.8	1.5	.8				101	101			
84/ 83							.2	1.1	2.0	1.1	1.0	.4						54	54			
82/ 81						.1	.8	1.8	2.2	1.1	.2	.1						58	58			
80/ 79						.3	1.1	2.2	1.1	.1								44	44			
78/ 77					.3	1.0	1.6	1.3	.2									41	41			
76/ 75				.2	.8	1.0	.8	.4										29	29			
74/ 73			.1	.2	.3	.6	.4											16	16	4		
72/ 71			.1	.3	.4	.3												11	11	34		
70/ 69			.3	.3	.2	.2												10	10	195		
68/ 67		.2	.1	.1	.1													5	5	269		
66/ 65		.2	.2	.2														6	6	274		
64/ 63	.1																	1	1	116		
62/ 61																				29		
60/ 59																			9	123		
58/ 57																				157		
56/ 55																				143		
54/ 53																				105		
52/ 51																				79		
50/ 49																				63		
48/ 47																				57		
46/ 45																				24		
44/ 43																				6		
42/ 41																				4		
40/ 39																				6		
Element (X)	Σ x ²		Σ x		Σ																	

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

POLE

USAFETAC

2

1

MONTH

PAGE 2. 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

YEARS

PAGE 1

JUL
MONTH

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
102/101																	.3	3	3				
100/ 99																	1.7	19	19				
98/ 97														.1	1.1	1.9	3.3	60	60				
96/ 95													.2	.4	2.6	2.5	1.9	71	71				
94/ 93												.1	.8	3.8	2.9	3.0	.1	99	99				
92/ 91												1.5	4.3	2.9	2.9	.1	.1	110	110				
90/ 89										.2	2.0	2.8	4.1	1.8	.8	.1		110	110				
88/ 87										1.6	2.7	4.5	3.0	.5				115	115				
86/ 85								.2	.8	1.6	2.3	1.9	.1	.3				67	67				
84/ 83								.6	1.5	2.0	1.4	.2						54	54				
82/ 81							.2	1.2	1.5	1.8	.2							46	46				
80/ 79						.2	1.5	1.8	1.4	.3								49	49				
78/ 77				.5	.9	1.8	.8	.4										41	41				
76/ 75			.2	.9	1.3	.8	.4											33	33				
74/ 73			.5	.4	.9	.6												23	23				
72/ 71			.6	.1	.2	.1												10	10	10			
70/ 69	.1	.1	.3	.1														6	6	143			
68/ 67	.3		.3	.1														7	7	287			
66/ 65	.3	.2	.1	.1														7	7	298	25		
64/ 63																				154	42		
62/ 61																				31	74		
60/ 59																				7	93		
58/ 57																					113		
56/ 55																					147		
54/ 53																					128		
52/ 51																					91		
50/ 49																					85		
48/ 47																					57		
46/ 45																					41		
44/ 43																					26		
42/ 41																					4		
40/ 39																					3		
38/ 37																					1		
Element (X)	Σ X ²		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

2

1

JUL
MONTH

1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2

JUL
MONTH

YEARS

1800-2000
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

69-70,73-80

YEARS

JUL
MONTH

PAGE 1

2150-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
83/ 87												.2						2	2			
86/ 85											.1	.1	.2	.1				5	5			
84/ 83										.2	.5	.8						14	14			
82/ 81								.1	.3	1.3	1.0		.1					26	26			
80/ 79							.3	.8	2.2	1.8	.6	.1	.1					55	55			
78/ 77						.4	2.3	2.3	3.1	1.6	.4	.2						96	96			
76/ 75				.2	3.3	3.0	4.2	3.0	1.1	.2								140	140			
74/ 73			.4	3.2	3.2	4.9	2.3	.8	.2		.1							141	141			
72/ 71			1.3	3.1	5.8	3.2	1.8	1.1										152	152			
70/ 69		.3	2.7	5.2	3.9	1.9	1.1											140	140	1		
68/ 67		1.0	2.3	3.1	1.1	.2												71	71	55		
66/ 65	.2	1.0	2.5	1.3	.4													50	50	196	34	
64/ 63	.4	.6	.9	.8														25	25	276	77	
62/ 61	.2	.2	.5	.1														10	10	231	151	
60/ 59		.2	.1															3	3	120	123	
58/ 57																				47	127	
56/ 55																				3	153	
54/ 53																				1	71	
52/ 51																					75	
50/ 49																					62	
48/ 47																					29	
46/ 45																					13	
44/ 43																					9	
42/ 41																					2	
40/ 39																					1	
38/ 37																					2	
36/ 35																					1	
TOTAL	.9	3.3	10.2	14.0	14.6	12.4	13.4	10.6	9.4	6.2	2.9	1.5	.4	.1				930	930	930	930	
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	3551025		55401		59.6		16.429		930		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F	
Dry Bulb	4948246		67694		72.8		4.738		930				84.2		47.9		7.4				93	
Wet Bulb	3675069		58415		62.8		2.524		930				5.6								93	
Dew Point	3030330		52874		56.9		5.109		930												93	

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

JUL
MONTH

STATION

STATION NAME

YEARS

MONTH

ALL

ALL
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

2

●

YEARS

MONTH

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
36/ 37																					4	
36/ 35																					5	
TOTAL	.2	3.3	8.9	10.6	9.7	9.0	9.0	8.5	7.2	6.3	5.9	5.9	4.6	4.0	3.1	2.0	1.9	7243	7243	7243		
				</																		

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

23008
STATIC

CANNON AFB NM

69-70, 73-80

AUG

MONTH

PAGE 1

0000-0200

HOURS (L, S, T.)

2

2.

AUG

MONTH

0300-0500

HOURS (L, S, T)

JSAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

AUG
MONTH

AUG

MONTH

0600-0800

HOURLS (L. S. T.)

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

PSYCHROMETRIC SUMMARY

23508

CANNON AFB NM

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTN

PAGE 1

0900-1100

NOV 11 1971

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95																.3	.1	4	4			
94/ 93														.4	.1	.1		6	6			
92/ 91													.4	.4	.6	.1	.1	16	16			
90/ 89											.5	1.2	1.2	1.2	.4			42	42			
88/ 87									.1	1.0	1.7	3.0	1.6	.3	.3			75	75			
86/ 85								.1	1.0	3.0	3.7	2.3	.5	.5				103	103			
84/ 83								.8	3.7	3.8	2.5	1.4	.5	.2				119	119			
82/ 81						.1	.9	2.6	3.9	3.4	1.1	.1	.1					113	113			
80/ 79						.5	2.8	5.4	2.3	1.0	.2	.3	.1					117	117			
78/ 77					.2	1.8	3.9	2.2	1.2	.4	.4							94	94			
76/ 75				.8	4.0	1.7	1.2	.3	.3									76	76			
74/ 73			.1	2.2	1.3	.6	.3	.1										43	43			
72/ 71		.1	.9	2.3	.9	.3	.3											44	44	5		
70/ 69		.3	2.0	.4	.4	.1												31	31	63		
68/ 67		.2	1.2	.6	.2	.1												22	22	228		
66/ 65	.1	1.0	.2															12	12	305	19	
64/ 63	.1	.6	.1	.1														9	9	190	51	
62/ 61	.4																	4	4	82	154	
60/ 59																				38	167	
58/ 57																				18	157	
56/ 55																				1	122	
54/ 53																					95	
52/ 51																					59	
50/ 49																					42	
48/ 47																					27	
46/ 45																					12	
44/ 43																					12	
42/ 41																					9	
40/ 39																					2	
38/ 37																					2	
TOTAL		.2	2.7	4.5	6.6	9.2	10.3	12.9	12.4	12.9	10.1	8.3	4.5	3.1	1.5	.5	.2	930	930	930		
Element (X)	Σx^2	Σx		Σ		σ_s		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	2245761	43607		46.9		14.711		930		$\pm 0 F$		$\pm 32 F$		$\pm 67 F$		$\pm 73 F$		$\pm 80 F$		$\pm 93 F$		Total
Dry Bulb	6010954	74538		80.1		6.298		930						90.5		80.8		54.5		1.0		93
Wet Bulb	3949587	60557		65.1		2.628		930						29.6								93
Dew Point	3017670	52774		56.7		4.973		930														93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
122/101																	.1	1	1						
100/99																	.3	4	4						
98/97																.1	.5	19	19						
96/95															.6	1.2	1.6	45	45						
94/93													.8	2.5	2.0	1.5	.4	67	67						
92/91												1.1	3.4	3.4	1.8	.5	.1	97	97						
90/89										.1	1.6	4.0	5.2	2.2	2.8	.5		152	152						
88/87								.1	.3	1.8	3.2	4.0	2.3	1.2	.6			126	126						
86/85							.2	.1	1.3	3.2	2.8	2.4	.4	.2				99	99						
84/83							.1	1.0	2.6	1.9	1.5	1.1	.2	.1				79	79						
82/81							.2	1.5	2.2	.6	.6	.3	.3					54	54						
80/79						.4	1.3	2.7	.8	.4	.2							54	54						
78/77				.1	.6	1.8	1.1	.3		.1	.1							39	39						
76/75			.1	.2	1.0	1.1	.4											26	26						
74/73			.1	.5	1.4	.2												21	21		3				
72/71			.2	1.0	.4	.3												18	18		17				
70/69			.5	.9	.1													14	14		121				
68/67	.1	.1	.3	.1		.1												6	6		251				
66/65		.4																4	4		270				
64/63		.3		.1														4	4		158				
62/61			.1															1	1		74				
60/59																					30				
58/57																					4				
56/55																					2				
54/53																									
52/51																									
50/49																									
48/47																									
46/45																									
44/43																									
42/41																									
40/39																									
38/37																									
36/35																									
Element (X)	Σ H'		Σ H		Σ		° H		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

AUG
MONTH

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2308
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
100/ 99																	1.1	10	10	
98/ 97																.1	.3	1.4	17	17
96/ 95														.2	1.4	1.0	1.8	41	41	
94/ 93													.8	2.5	1.4	2.4	1.2	76	76	
92/ 91											.3	.8	2.5	4.8	2.7	1.6	.3	121	121	
90/ 89										1.1	3.3	5.2	2.9	2.4	.9			146	146	
88/ 87								.1	.1	1.4	3.3	3.9	2.4	1.0	.6	.1		120	120	
86/ 85								.4	.8	2.2	3.8	1.8	1.1	.3	.1			97	97	
84/ 83							.1	.9	1.6	1.8	.9	.6	.3	.2				60	60	
82/ 81							.6	1.1	1.5	1.2	.6	.4	.3					54	54	
80/ 79					.1	.2	.9	2.0	1.5	.1	.1	.1						47	47	
78/ 77						.4	.9	1.5	.3									29	29	
76/ 75					.4	1.0	1.3	.4	.1									30	30	
74/ 73					.5	1.9	.9	.2										33	33	2
72/ 71				.9	1.0	.6	.1											24	24	17
70/ 69			.2	.4	.2	.1	.2											11	11	86
68/ 67			.3	.1		.1												5	5	213
66/ 65			.8	.1														8	8	286
64/ 63																				196
62/ 61			.1															1	1	95
60/ 59																				28
58/ 57																				4
56/ 55																				3
54/ 53																				107
52/ 51																				112
50/ 49																				106
48/ 47																				63
46/ 45																				44
44/ 43																				47
42/ 41																				46
40/ 39																				19
38/ 37																				17
36/ 35																				9
34/ 33																				5
																				2
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AUG

MONTH

1500-1700

HOURS (L - S - T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2708
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
95/ 95																.2		2	2		
94/ 93																	.1	1	1		
93/ 91														.1	.3	.2	.2	.1	9	9	
92/ 89												.6	.8	1.0	.8	.1		30	30		
91/ 87									.1	.3	.3	1.1	1.1	.4	.1	.1		33	33		
90/ 85								.1	.1	.8	1.9	1.5	1.5	.8				62	62		
89/ 83							.2	.1	1.4	1.5	3.4	1.3	.4	.2				80	80		
88/ 81							.5	1.1	2.4	2.7	1.9	.8	.1	.1				89	89		
87/ 79					.2	.8	1.0	3.1	3.2	2.2	1.4	.1	.2					113	113		
86/ 77				.1	.4	1.2	3.2	3.0	2.3	1.8	.2	.6						120	120		
85/ 75			.5	1.0	2.8	1.8	2.5	1.3	.4	.3	.1							100	100		
84/ 73			.4	1.7	2.2	2.8	1.3	.8	.2									87	87		
83/ 71			.1	1.1	3.9	2.0	1.1	.3	.2									81	81	10	
82/ 69			.4	2.9	1.1	.8	.1	.2	.1	.1								53	53	32	2
81/ 67			1.0	1.5	1.0		.1	.1	.1									35	35	92	
80/ 65		.1	.8	.6	.3													17	17	232	27
79/ 63		.2	1.0	.3														14	14	260	46
78/ 61		.1	.3															4	4	166	98
77/ 59																				97	127
76/ 57																				24	125
75/ 55																				11	121
74/ 53																				5	106
73/ 51																				1	84
72/ 49																					62
71/ 47																					48
70/ 45																					32
69/ 43																					10
68/ 41																					12
67/ 39																					6
66/ 37																					5
65/ 35																					1
64/ 33																					
TOTAL		.4	3.5	7.5	9.6	9.7	10.9	11.8	11.7	10.2	9.6	6.1	4.2	2.8	1.1	.6	.2	930	930	930	930
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total
Rel. Hum.	2454850		45298		48.7		16.355		930		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		93
Dry Bulb	5648982		72248		77.7		6.253		930						89.5		72.6		36.6		93
Wet Bulb	3771790		59160		63.6		3.016		930						13.4						93
Dew Point	2877730		51428		55.3		6.033		930						1.0						93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

3

2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
WH 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
102/101																	.0	1	1															
100/ 99																	.0	14	14															
98/ 97																	.0	36	36															
96/ 95														.1	.3	.4	.4	92	92															
94/ 93													.2	.7	.5	.5	.2	150	150															
92/ 91											.0	.2	.8	1.2	.7	.3	.1	243	243															
90/ 89										.0	.4	1.2	1.6	.9	.8	.2		371	371															
88/ 87								.0	.1	.6	1.1	1.5	.9	.4	.2	.0		354	354															
86/ 85							.0	.1	.4	1.2	1.6	1.0	.5	.2	.0			363	363															
84/ 83							.1	.3	1.2	1.2	1.1	.6	.2	.1				346	346															
82/ 81						.0	.3	.8	1.3	1.1	.6	.2	.1	.1				325	325															
80/ 79					.0	.3	.8	1.9	1.2	.6	.3	.1	.0					375	375															
78/ 77				.0	.1	.6	1.7	1.4	1.0	.4	.1	.1	.0					402	402															
76/ 75			.1	.5	1.8	1.4	1.4	.7	.2	.1	.0							453	453															
74/ 73			.3	1.2	2.1	1.6	.9	.2	.1	.0								470	470		5													
72/ 71		.1	1.0	2.6	2.3	1.4	.6	.2	.1	.1								612	612		49													
70/ 69		.8	3.3	2.2	1.5	.9	.4	.2	.0									668	668	311	2													
68/ 67	.1	2.3	3.4	2.0	1.0	.5	.1	.1										688	688	863	19													
66/ 65	.3	3.7	2.1	1.6	.8	.2	.3	.0										645	645	1430	103													
64/ 63	.6	2.2	1.3	.6	.3	.1	.0	.0										382	382	1584	339													
62/ 61	.3	.4	1.5	.3	.3	.1	.1	.0										207	207	1326	910													
60/ 59	.1	.3	.3	.2	.2		.0	.0										68	68	935	1042													
58/ 57		.0	.1	.0	.0	.0	.0											13	13	447	1241													
56/ 55					.0	.1												5	5	193	1025													
54/ 53																				89	781													
52/ 51																				25	626													
50/ 49																				17	401													
48/ 47																				5	270													
46/ 45																					4													
44/ 43																						190												
42/ 41																						127												
40/ 39																						77												
38/ 37																						63												
36/ 35																						31												
																						24												
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																																		
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

2

1

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0000-0200
HOURS (L. S. T.)

YEARS

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

SFP

MONTH

0300-0500

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

25

YEARS

SEP

STATION

STATION NAME

PAGE 1

0600-0800

HOUS 11-5-71

USAFETAC
FORM
26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23 :08

CANNON AFB NM

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

3900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
94/ 93																		.1	1	1					
92/ 91																		.1	1	1					
9 / 89																		.1	7	7					
88/ 87											.2	1.6	.2	.1	.1				31	31					
86/ 85									.1	.9	.9	.1	.6	.4	.4				31	31					
84/ 83									.8	1.9	1.2	.9	.8	.6	.1				56	56					
82/ 81							.2	1.2	2.1	1.2	1.2	1.1	.2	.2					68	68					
80/ 79						.2	1.9	2.0	1.4	1.0	.4	.2	.2						67	67					
78/ 77					.7	1.7	1.7	2.0	1.0	.6	.3	.6	.1						77	77					
76/ 75				.7	1.8	2.2	1.4	.8	.7	.4	.1	.1							74	74					
74/ 73			.3	1.1	1.8	1.8	.8	.2	.4	.3	.1								62	62					
72/ 71		.1	.6	2.3	.9	.7	.6	.6	.1	.2									54	54					
70/ 69		.3	1.4	2.2	1.2	.9	.1	.6	.1										62	62	6				
68/ 67	.1	.9	1.4	.8	1.0	.6	1.2	.6	.2										61	61	69				
66/ 65		1.2	1.9	.6	.6	.4	.7	.2	.1										51	51	130				
64/ 63	.1	1.3	.8	.4	.9	.3	.4	.3											42	42	146				
62/ 61	.6	1.1	.3	.3	.2	.6	.3	.1	.2										34	34	132				
60/ 59	.6	.6	.2	.3	.2	.2	.1												18	18	119				
58/ 57	.4	.8	.4	1.0	.4	.4	.1												33	33	69				
56/ 55	.2	.8	.3	.7	.1	.1													20	20	44				
54/ 53		1.6	.7	.4	.1	.1													26	26	47				
52/ 51	.3	.7	.2		.1														12	12	44				
50/ 49	.3	.7																	9	9	41				
48/ 47		.2	.1																3	3	31				
46/ 45																					14				
44/ 43																					5				
42/ 41																					3				
40/ 39																									
38/ 37																									
36/ 35																									
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
Element (X)	Σ X ²			Σ X		X		°X		No. Obs.		Mean No. of Hours with Temperature													
Ref. Num.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

3900-1100
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
11-64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23.08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																				
96/ 95																.1	.2	3	3																						
94/ 93														.2	.4	.7	.7	18	18																						
92/ 91													.4	.9	.6	.7	1.6	37	37																						
90/ 89												.2	1.0	1.4	1.9	.7	1.1	57	57																						
88/ 87									.1	1.2	1.1	.7	2.7	1.0	1.9	.4		82	82																						
86/ 85									.4	2.4	3.2	2.4	1.1	1.2	.7	.2		106	106																						
84/ 83								.8	1.3	1.7	2.1	1.3	.7	.9				79	79																						
82/ 81							.7	1.0	1.8	1.4	.6	.7	.3	.2				60	60																						
80/ 79						.4	1.1	2.2	.6	1.4	.6	.3		.1				61	61																						
78/ 77					.1	1.0	1.2	.7	.7	.8	.4	.2						46	46																						
76/ 75				.1	1.4	1.8	1.2	1.6	.1	.7	.2	.2						66	66																						
74/ 73			.1	.6	1.0	1.4	.6	.4	.1	.9	.3							49	49																						
72/ 71			.2	.8	1.3	.7	.1		.2	.6								35	35																						
70/ 69		.1	1.3	.9	.3	.1	.1	.1	.2									29	29	5																					
68/ 67			.4	.9	.8	.1	.6	.4	.1	.1								31	31	49																					
66/ 65			.6	.7	.1	.1	.3	.2	.2	.1								21	21	135																					
64/ 63		.3	1.2	.3	.1	.4	.8	.3		.2								34	34	193	12																				
62/ 61			.4	.4		1.0	.1	.1	.3									21	21	162	26																				
60/ 59		.1	.3		.2	.4	.1	.1										12	12	126	63																				
58/ 57			.9	.6	.1	.1		.1										16	16	63	84																				
56/ 55		.1	.3	.3	.3													10	10	36	110																				
54/ 53		.2			.2	.1												5	5	42	71																				
52/ 51		.1	1.1		.1													12	12	38	56																				
50/ 49		.2	.8															9	9	20	75																				
48/ 47		.1																1	1	16	70																				
46/ 45																				11	76																				
44/ 43																				4	61																				
42/ 41																					38																				
40/ 39																					28																				
38/ 37																					37																				
36/ 35																					40																				
34/ 33																					23																				
32/ 31																					13																				
30/ 29																					6																				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ																				
Rel. Hum.																																									
Dry Bulb																																									
Wet Bulb																																									
Dew Point																																									
Mean No. of Hours with Temperature																																									
		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total																											

USAFETAC FORM 0-26-5 (O.L.A.) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SEP
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PAGE 1 1870-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point
92/ 89												.1	.1	.1	.1		.1	1	1	1	1			
88/ 87												.3	.2	.1	.3			4	4	4	4			
86/ 85											.2	.7	.3	.4				9	9	9	9			
84/ 83										.2	.2	.7	.3	.4				17	17	17	17			
82/ 81								.1	.7	.9	.4	1.0	.3	.4				35	35	35	35			
80/ 79							1.0	1.1	1.3	1.6	.3	.3	.1					52	52	52	52			
78/ 77						.1	.9	1.1	1.1	.9	1.1	.2	.4					53	53	53	53			
76/ 75					.2	.8	2.6	2.2	1.4	1.0	.9	.4						86	86	86	86			
74/ 73				.3	.3	2.0	1.4	1.4	1.7	.7	.8	.3						81	81	81	81			
72/ 71			.1	.2	1.3	1.8	1.2	2.3	.4	1.0	.2							78	78	78	78			
70/ 69		.1	.6	1.7	1.3	1.9	1.0	.7	1.0	.4	.1							79	79	79	79			
68/ 67		.2	1.6	1.4	1.8	1.8	1.1	1.0	.8	.3								90	90	90	90			
66/ 65		.6	2.6	1.7	1.3	.8	.8	.6	.6									79	79	79	79	57	6	
64/ 63	.2	.4	2.4	.9	.8	.3	.8	.3	.1	.1								58	58	58	139	20		
62/ 61		.9	1.8	.9	.2	.9	.4	.2										48	48	48	144	38		
60/ 59		.1	.7	.6	1.0	1.4	.1											35	35	35	152	68		
58/ 57			.7	.7	.7	.3	.2											23	23	23	117	105		
56/ 55		.1	1.1	.2	.4	.6	.1											23	23	23	65	98		
54/ 53		.2	.3	.4	.1	.1	.1											12	12	12	68	72		
52/ 51		.6	.8	.4	.1													17	17	17	58	74		
50/ 49		.1	.7		.1	.1												9	9	9	38	76		
48/ 47		.1	.4	.1	.2													8	8	8	23	65		
46/ 45		.2		.1														3	3	3	14	71		
44/ 43																					8	59		
42/ 41																					5	41		
40/ 39																					2	33		
38/ 37																							28	
36/ 35																							23	
34/ 33																							12	
32/ 31																							8	
30/ 29																							2	
28/ 27																							1	
TOTAL	.2	3.7	13.7	9.7	10.0	12.9	10.8	11.0	8.9	6.9	5.7	3.3	1.7	1.4	.1		.1	900	900	900	900	900	900	900
Element (X)	Σ x'		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x	
Rel. Hum.	3001783		49219		54.7		18.573		900		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb	4366816		62252		69.2		8.232		900						58.5		33.8		8.8				90	
Wet Bulb	3067948		52326		58.1		5.348		900						1.0								90	
Dew Point	2347783		45447		50.5		7.668		900				1.1										90	

PSYCHROMETRIC SUMMARY

23 08
STATIC

CANNON AFB NM

69-70, 73-80

SEP

MONTH

PAGE 1

2100-2300

HOURS (L, S, T.)

[illegible]

2

SEP
MONTH

YEARS

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
90/ 95																.0	.1	10	10						
84/ 93															.1	.2	.1	36	36						
91/ 91														.2	.3	.1	.2	.3	78	78					
81/ 89											.0	.1	.3	.4	.4	.3	.3	124	124						
88/ 87										.1	.4	.6	.3	.7	.3	.4	.1	193	193						
86/ 85									.0	.2	.9	.8	.6	.4	.4	.1	.0	242	242						
84/ 83									.3	.7	.6	.8	.4	.3	.2	.0		224	224						
81/ 81							.0	.4	.7	.6	.6	.4	.2	.2	.0			221	221						
71/ 79						.2	.7	1.0	.5	.6	.3	.2	.1	.0				255	255						
70/ 77					.0	.2	.7	.8	.6	.4	.3	.2	.2	.0				240	240						
70/ 75				.0	.2	.7	1.1	.9	.7	.4	.4	.1	.1					314	314						
74/ 73				.1	.5	1.0	.9	.5	.5	.3	.3	.1						298	298						
72/ 71			.1	.2	1.2	1.2	.7	.7	.4	.3	.2							349	349						
71/ 69		.0	.2	1.3	1.4	1.3	.7	.4	.4	.2	.1							416	416	27					
60/ 67	.0	.1	.9	1.7	1.5	1.2	.8	.7	.5	.1	.0							529	529	227	4				
66/ 65	.3	.5	1.9	1.7	1.4	.8	.6	.6	.3	.1								552	552	517	18				
64/ 63	.2	1.1	2.4	1.5	1.5	.6	.7	.5	.3	.1								622	622	878	129				
62/ 61	.2	2.1	2.2	1.4	.8	.8	.4	.3	.1	.1								586	586	1011	296				
60/ 59	.0	2.3	1.5	1.1	.8	.7	.4	.2	.1									499	499	1033	610				
58/ 57	.0	1.1	1.2	.9	.8	.5	.3	.1	.0									345	345	802	841				
56/ 55	.0	.6	1.2	.9	.5	.2	.0	.0										245	245	578	858				
54/ 53		.4	1.4	.7	.5	.2	.0											223	223	474	623				
52/ 51		.3	1.0	.7	.3	.1												166	166	486	566				
50/ 49		.4	.8	.4	.1	.0												122	122	381	514				
48/ 47		.2	.6	.1	.1													67	67	249	472				
40/ 45		.2	.1	.1														27	27	186	497				
44/ 43		.1	.1	.1														22	22	94	368				
42/ 41		.1	.0															8	8	42	323				
41/ 39		.0	.0															4	4	23	286				
30/ 37		.0	.0															2	2	8	260				
36/ 35																				3	163				
34/ 33																					116				
32/ 31																					66				
30/ 29																					21				
Element (X)	Σ x'			Σ x			Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.													≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMAR

27:08

CANNON AFB NM

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

[illegible]

2

OCT
MONTH

69-70, 73-80

23 08
STATION

LANNON AFB NM

STATION NAME

YEARS

PAGE 1

0000-0200
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-80.

OCT

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point		
56/ 65				.1					.1		.1							3	3				
54/ 63		.1	.4	.2				.1	.4									10	10				
62/ 61			.7	.2	.4			.4	.4	.1								18	18	3			
62/ 59		.2	1.8	1.2	.6	.1	.2	.1	.5	.2								42	42	5			
58/ 57		1.2	1.4	.8	.9	1.2	.1	.4	.1									52	52	10			
56/ 55		1.1	1.7	1.7	.8	1.3	.7	.6	.2									68	68	32			
54/ 53		1.8	2.0	1.9	1.3	1.2	1.8	.1										85	85	33			
52/ 51		.8	2.1	2.4	1.9	.9	.7											75	75	45			
52/ 49		.5	1.9	2.8	2.7	1.1	.5	.2										82	82	55			
46/ 47		1.8	5.2	2.2	2.7	.5												105	105	62			
45/ 45		.7	1.1	2.7	2.6	.5	.5											68	68	96			
44/ 43		.6	.8	1.8	1.2	.1												38	38	99			
42/ 41	.1	1.4	1.1	1.3	.7	.5												43	43	69			
40/ 39		.9	2.7	.9	.6													44	44	83			
38/ 37		.8	1.2	2.5	.1													39	39	61			
36/ 35	.4	1.1	1.3	.5	.2													29	29	52			
34/ 33		1.3	.7	.2	.4													22	22	43			
32/ 31		.2	.2	.5	.2													10	10	42			
32/ 29		.5	.4	.1														8	8	9			
28/ 27			.1															1	1	1			
26/ 25		.2	.4															5	5	10			
24/ 23																				7			
22/ 21		.1																1	1	2			
20/ 19																							
18/ 17																							
16/ 15																							
14/ 13																							
12/ 11																							
TOTAL		.515	.327	.024	.117	.3	7.3	4.5	1.9	1.7	.4	.1						848	848	848			
																		848	848				
Element (X)	Σx'		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Num.	3867413		55537		65.5		16.486		848		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	2024344		40892		48.2		7.870		848				2.7										9
Wet Bulb	1585115		36127		42.6		7.370		848				8.8										9
Dew Point	1198412		30814		36.3		9.640		848				35.2										9

2

2

OCT

MONTH

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
72/ 71										.1		.2						3	3				
70/ 69						.1		.1	.1		.1							4	4				
68/ 67					.1	.1	.2	.1	.4	.2	.2							13	13				
66/ 65			.1	.1	.4	.2	.2	.4	.4	.4								22	22				
64/ 63			.5	.2	.5	.1	.1	.3	.1	.2								20	20				
62/ 61		.2	.4	.6	.8	.6	.5	.2	1.2	.1	.1							45	45	2			
60/ 59		.3	1.6	1.0	.5	.5	1.4	.2	.3	.1								56	56	10	6		
58/ 57		1.2	1.2	.8	1.1	1.3	1.1	.8	.2									70	70	15	4		
56/ 55		1.5	2.2	.9	.6	1.4	1.1	.5	.1									77	77	48	15		
54/ 53		.8	2.0	1.3	2.4	.9	1.6	.2										85	85	52	26		
52/ 51		1.2	2.6	1.7	2.2	1.1	1.1											91	91	53	41		
50/ 49		.4	2.7	1.5	1.8	1.6	.2	.2										79	79	84	39		
48/ 47		1.2	3.0	1.5	2.0	.5	.1											78	78	75	40		
46/ 45		.4	1.9	1.9	1.2	1.0												60	60	124	48		
44/ 43		1.4	1.4	1.5	.9	.5												53	53	89	58		
42/ 41	.1	1.6	.9	1.7	.5	.3	.1											49	49	96	64		
40/ 39		1.0	1.0	1.2	.6	.2												37	37	82	74		
38/ 37		.5	.8	.9														20	20	46	67		
36/ 35	.1	1.7	1.0	.6														32	32	56	76		
34/ 33		1.0	.6	.3														18	18	34	60		
32/ 31		.1	.5	.1	.1													8	8	37	73		
30/ 29		.2	.2	.2														6	6	10	76		
28/ 27		.1	.1															2	2	7	52		
26/ 25		.1	.1															2	2	4	42		
24/ 23																				6	11		
22/ 21																					28		
20/ 19																					13		
18/ 17																					5		
16/ 15																					6		
14/ 13																					3		
10/ 9																					3		
TOTAL		.214	.924	.818	.115	.810	.577	3.1	2.9	1.2	.4	.2						930	930	930	930		
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature												
Ref. Num.	4008147		58797		63.21		17.694		930		≤ 6 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total
Dry Bulb	2431879		46893		50.4		8.519		930				1.8		2.0								93
Wet Bulb	1854201		40969		44.1		7.278		930				6.4										93
Dew Point	1373383		34663		37.3		9.362		930				31.2										93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008 CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
92/ 91																	.1	1	1																	
90/ 89																	.1	1	1																	
88/ 87																																				
86/ 85																										.1	.2	.2								
84/ 83															.3	.6	.3	.2																		
82/ 81									.1			.1	.2	.4	.2																					
80/ 79									.1	.3		.3	.5	.4	.1																					
78/ 77							.1	.1	.1	.4	.2	.8	.5	.4																						
76/ 75							.1	.4	.2	.4	1.4	1.2	.3	.4																						
74/ 73						.2	.3	.4	.9	.9	1.5	1.1	.4																							
72/ 71						.3	.5	1.0	1.6	.4	1.4	.5	.2	.1																						
70/ 69					.2	.2	1.6	1.0	1.1	1.1	1.6	.2	.1																							
68/ 67					.6	1.0	1.3	1.3	1.7	1.0	1.3	.2	.1																							
66/ 65			.2	.3	.2	1.1	.4	.8	1.3	1.9	.5	.1																								
64/ 63			.2	.2	1.0	.6	1.4	1.0	1.6	.5		.1																								
62/ 61		.2	.2	.9	1.1	.5	1.4	1.0	.6	.1																										
60/ 59		.2	.5	.4	.6	.6	1.4	1.2	1.4	.1	.1																									
58/ 57		.1	.3	.8	.6	1.0	.9	1.4	.2	.1																										
56/ 55		.2	.3	.5	.4	.6	.9	.6	.1																											
54/ 53		.4	.4	.5	.8	1.0	1.1	.1	.1																											
52/ 51		.4	.5	.3	.6	.5	.6	.1																												
50/ 49		.5	.4	.5	.8	1.2	.3	.1																												
48/ 47		.2	1.1	.1	.4	.2	.3																													
46/ 45		.4	.4	.2	.5	.4	.3																													
44/ 43		.6	.2	.3	.3	.5																														
42/ 41		.6	.1	.4	.2	.1																														
40/ 39		.1	.2	.1	.1																															
38/ 37		.5	.2	.2																																
36/ 35		1.4	.4	.1																																
34/ 33		.2	.1	.2																																
32/ 31			.1																																	
30/ 29																																				
28/ 27																																				
26/ 25															</																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

 OCT
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2308

CANNON AFB NM

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.3	3	3		
94/ 93																	.2	2	2		
92/ 91																	.1	1	1		
90/ 89																	.5	6	6		
88/ 87													.2			1.1	.9	20	20		
86/ 85											.1	.1	.1	.1	1.0	1.4	.1	27	27		
84/ 83										.1	.4	.2	.6	1.1	1.2	.6		40	40		
82/ 81									.1		.4	.5	.5	1.0	.9	.9		40	40		
80/ 79									.3	.2	1.1	.9	1.6	1.3	.9			58	58		
78/ 77								.2	.4	.8	1.6	1.5	1.7	.9	.4			70	70		
76/ 75							.3	.4	.8	.9	1.7	1.9	1.0	.3				68	68		
74/ 73							.6	.6	2.0	1.4	1.8	.8	.2					70	70		
72/ 71						.3	.2	.4	1.6	1.0	1.6	1.9	.8					73	73		
70/ 69				.1	.1	.1		.5	.6	1.3	1.4	.5	.2					46	46		
68/ 67				.1	.2	.5	.5	.6	1.2	1.2	.9	.1	.1					51	51		
66/ 65			.1	.3	.4	.9	1.0	1.1	1.7	.8	.2							64	65	5	
64/ 63		.1		.1	.3	1.0	.5	.4	.9	.8	.6	.2						46	46	16	
62/ 61				.3	.3	.3	.2	.6	1.2	.6								34	34	39	
60/ 59		.2		.3		.6	.6	.8	.4	.3	.1							32	32	48	5
58/ 57			.4	.4	.2	.1	1.0	.3	.4									27	27	119	8
56/ 55		.3	.4	.1	.4	.5	.2	.5	.2									26	26	139	11
54/ 53			.1		.2	.1	.4	.6	.4									18	18	121	17
52/ 51			.3	.2	.2	.4	.5	.2										18	18	103	32
50/ 49		.4	.6		.6		.3											19	19	78	32
48/ 47		.4		.2	.3	.1	.1											11	11	75	33
46/ 45		.2	.5	.1		.2	.1											11	11	53	54
44/ 43		.2	.8	.1	.4	.3												17	17	27	65
42/ 41		.1	.2	.4	.2													9	9	41	45
40/ 39		.4	.1	.1	.2													8	8	21	52
38/ 37		.6	.1															7	7	13	91
36/ 35		.4																4	4	21	68
34/ 33		.4																3	3	7	90
32/ 31																				3	77
30/ 29																					68
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

OCT
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

YEARS

OCT
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
96/ 95																		.1	1	1			
94/ 93																		.1	1	1			
92/ 91																		.2	2	2			
90/ 89																		.4	4	4			
88/ 87														.2		1.0	1.0	20	20				
86/ 85													.2	.1	.5	1.2		19	19				
84/ 83										.1		.1	.5	.8	1.4	.8		34	34				
82/ 81											.3	.4	.9	.5	1.3	.6		38	38				
80/ 79									.1	.2	.3	.8	1.4	1.5	1.2	.1		52	52				
78/ 77								.1	.2	.6	1.2	2.2	1.9	1.6	.2			75	75				
76/ 75								.5	.3	.6	1.8	1.1	1.0	.8	.2			59	59				
74/ 73						.2		.6	.8	1.2	1.6	1.3	1.4	.1				67	67				
72/ 71								.5	1.5	1.1	1.5	1.4	.5					61	61				
70/ 69					.2	.4	.2	.8	1.4	1.7	2.3	.5	.3					73	73				
68/ 67				.3	.3	.4	.8	1.1	1.1	.9	1.2	.2	.1					59	59				
66/ 65			.1	.1	.3	.5	.4	.6	1.0	1.4	.9	.2						52	52	1			
64/ 63			.3		.9	.4	1.0	.6	1.1	1.0	.5	.2						56	56	6			
62/ 61		.1		.4	.6		.6	.8	1.1	.8	.2							43	43	34			
60/ 59				.4	.1	.4	1.4	1.0	.9	.4	.3							46	46	38	4		
58/ 57				.2	.3	.3	.3	.8	.2	.1								21	21	111	12		
56/ 55		.3	.3	.2	.2	.3	.3	.3	.6	.1								26	26	135	3		
54/ 53			.4	.1	.1	.1	.6	.4	.3									20	20	129	17		
52/ 51			.3	.1	.3	.4		.1	.1									13	13	108	20		
50/ 49		.3	.1	.4	.1	.2	.2	.1										14	14	88	36		
48/ 47		.2	.5	.3	.2	.4	.4											20	20	86	31		
46/ 45			.4		.2	.2												8	8	48	40		
44/ 43		.5	.9	.4	.3	.2												22	22	41	62		
42/ 41		.2		.2	.1													5	5	33	55		
40/ 39		.3			.1													4	4	26	69		
38/ 37			.6															6	6	19	82		
36/ 35		1.0																9	9	17	60		
34/ 33																				9	62		
32/ 31																				1	98		
30/ 29																					71		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23008
STAT

CANNON AFB NM

69-70, 73-80

OCT

MONTH

PAGE ?

1500-1700

HOURS (L. S. Y.)

[illegible]

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 44

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2003 CANNON AFB NM

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
95/ 95																	.1	4	4		
94/ 93																	.0	3	3		
92/ 91																	.1	4	4		
91/ 89																	.0	11	11		
88/ 87													.0	.0		.3	.2	41	41		
86/ 85											.0	.0	.0	.0	.2	.4	.0	51	51		
84/ 83										.0	.1	.0	.2	.3	.4	.2		88	88		
82/ 81									.0	.1	.1	.1	.2	.2	.3	.2		88	88		
81/ 79									.1	.1	.2	.2	.5	.4	.3	.0		127	127		
78/ 77							.0	.1	.1	.2	.4	.6	.5	.4	.1			173	173		
76/ 75							.1	.2	.2	.2	.6	.6	.3	.2	.0			178	178		
74/ 73						.1	.0	.2	.3	.6	.6	.5	.4	.0				199	199		
71/ 71						.1	.1	.3	.7	.4	.7	.7	.2	.0				226	226		
71/ 69				.0	.1	.1	.4	.4	.5	.6	.9	.2	.1					233	233		
68/ 67				.1	.2	.3	.5	.6	.6	.7	.6	.1	.0					271	271		
66/ 65			.1	.2	.4	.5	.4	.6	.7	1.0	.3	.1						322	323	8	
64/ 63		.0	.4	.3	.6	.5	.7	.6	.9	.5	.3	.1						346	346	29	
62/ 61		.2	.4	.5	.6	.6	.6	.9	.9	.4	.1							372	372	109	1
59/ 59	.1	.2	.9	.7	.8	.8	1.1	.8	.7	.2	.1							457	457	193	32
58/ 57	.1	.4	.8	.8	1.0	1.2	.9	.8	.3	.1								465	465	426	66
55/ 55		.7	1.0	1.0	.8	1.1	.8	.8	.2	.0								468	468	550	101
54/ 53		.5	1.0	1.0	1.2	1.1	1.2	.6	.2									488	488	612	170
52/ 51		.5	1.1	1.1	1.1	1.3	.7	.2	.0									439	439	611	253
50/ 49		.6	1.2	1.2	1.3	1.0	.4	.2										430	430	690	270
48/ 47		.6	1.8	.8	1.3	.7	.3	.0										405	405	688	277
46/ 45		.3	1.0	.9	.9	.5	.2	.1										290	290	684	397
44/ 43	.1	.6	.9	1.0	.6	.5	.0											272	272	588	472
42/ 41	.0	.7	.6	.9	.4	.2	.0											203	203	550	460
40/ 39	.0	.6	.9	.5	.5	.1												185	185	440	534
38/ 37		.6	.6	.7	.1	.0												149	149	322	563
36/ 35	.1	1.0	.5	.3	.1													135	135	297	510
34/ 33		.7	.3	.2	.0													86	86	190	544
32/ 31		.1	.1	.2	.0													33	33	167	676
30/ 29		.1	.1	.0														19	19	46	536
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

2700	CANNON AFB NM
STATION	STATION NAME

69-70, 73-80

YEARS

PAGE 1

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
59/ 59										.1								1	1			
58/ 57		.2																2	2			
56/ 55		.6	.5		.2	.1	.2	.1										15	15	2		
54/ 53		.2	.5	.2	.5	.1	.7	.7	.4									28	28	5	3	
52/ 51	.4	.4	.2	.4	.4	.6	.2	.5	.4	.1								29	29	9	7	
50/ 49	.1	.6	.7	.1	.7	1.1	.4	.5	.1									36	36	9	4	
48/ 47		.2	1.4	.8	1.2	1.1	.6	.5										49	49	13	9	
46/ 45	.1	.8	2.7	1.8	1.7	1.5	.6	.1										79	79	24	15	
44/ 43	.4	.5	1.9	2.1	1.4	.8	.7	.1										67	67	30	14	
42/ 41	.7	1.2	3.0	1.7	2.0	1.1	1.0											89	89	62	22	
40/ 39		.4	2.9	1.4	2.1	.8												64	64	71	25	
38/ 37	.2	.7	3.5	1.4	1.3	.2												62	62	87	39	
36/ 35	.5	2.6	2.6	1.7	.8	.2												71	71	80	18	
34/ 33	.4	1.2	3.7	2.5	.4	.2												64	64	109	63	
32/ 31	.4	1.1	3.7	2.0	.8	.4												70	70	72	71	
30/ 29	.5	.7	.4	1.0	.7													27	27	78	65	
28/ 27	.4	.7	.7	1.3														26	26	62	56	
26/ 25		.5	.6	.1														10	10	32	55	
24/ 23			.7	2.0	.2													25	25	24	41	
22/ 21		.6	.6	.5														14	14	34	75	
20/ 19		.4		.1														4	4	17	60	
18/ 17		.1																1	1	6	42	
16/ 15		.1																1	1	5	33	
14/ 13		.1																1	1	1	28	
12/ 11		.6																5	5	1	24	
10/ 9																				5	27	
8/ 7																					15	
6/ 5																					7	
4/ 3																					11	
2/ 1																					3	
0/ -1																					9	
-2/ -3																					1	
TOTAL	3.9	15.2	30.8	19.4	14.3	8.3	4.4	2.5	.8	.2								840	840	840	840	
Element (X)	Σ x²		Σ x		x̄		s²		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	3474679		51685		61.5		18.736		840		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	1345592		32866		39.1		8.433		840			19.7					90					
Wet Bulb	1011329		28439		33.9		7.624		840			36.3					90					
Dew Point	653091		21651		25.8		10.643		840		1.1	66.7					90					

2

1

0600-0800
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

NOV
MONTH

YEARS

PAGE 1

0900-1100
HOURS (L. S. T.)

JSAFETAC
FORM
AR 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23.08
STATION

CANNON AFB NM

69-70, 73-80

NOV

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PAGE 2

3900-1100

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27008 CANNON AFB NM 69-70,73-80 NOV
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83															.1		.1	2	2		
82/ 81															.8	.2		9	9		
80/ 79														.3	.6	.2		10	10		
78/ 77											.2	.1	.6	.4	.1			13	13		
76/ 75					.1				.1		.2	.7	.4	.9	.2			24	24		
74/ 73								.1			.4	.8	1.2	.4				27	27		
72/ 71							.2	.1	.1	.3	1.2	1.7	.9	.8				48	48		
70/ 69						.1	.3		.2	1.4	.9	1.6	1.6	.2				57	57		
68/ 67							.2	.1	.3	1.2	1.2	1.0	.8					44	44	1	
66/ 65					.2			.1	1.2	1.3	1.4	.9	.3					50	50		
64/ 63				.3	.1	.1	.1	.4	1.0	1.1	1.9	1.0						55	55		1
62/ 61			.4	.4	.1		.4	1.3	.4	1.0	1.4	.1						52	52	1	
60/ 59			.6	.1	.4	.3	.4	1.1	1.1	1.8		.1						54	54	6	
58/ 57			.1	.3	1.0	.3	1.4	1.2	.7	.6								51	51	18	
56/ 55			.2	.2	1.1	.9	.8	1.1	.9									47	47	17	3
54/ 53		.3	.1	.3	.7	1.3	1.0	.9	.3									45	45	39	16
52/ 51			.3	.7	.4	1.1	.8	.9	.2									40	40	73	8
50/ 49			.4	.2	.4	.9	1.3	.8	.3									40	40	93	3
48/ 47	.1	.1	.4	.7	.3	.4	1.0	.4	.2									34	34	84	9
46/ 45	.1	.2	.2	.6	.3	.9	.8	.7										34	34	93	10
44/ 43	.3	.2		.8	.4	.6	.7	.2										29	29	104	17
42/ 41	.1	.1		.3	.9	.4	.4											21	21	82	18
40/ 39		.2	.3	1.0	1.1	.7	1.2											41	41	52	25
38/ 37			.6	.2	.7	.8												20	20	49	36
36/ 35	.2		.9		.3	.1												14	14	43	55
34/ 33		.6	.2	.4		.1												12	12	45	55
32/ 31		.1	.4			.2												7	7	32	62
30/ 29		.3	.3	.2	.2													10	10	22	67
28/ 27																				25	65
26/ 25																				5	63
24/ 23		.3																3	3	4	63
22/ 21																				5	59
20/ 19			.2															2	2		69
18/ 17			.1															1	1		38
Element (X)	Σ H ¹		Σ H		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23.08
STATU

CANNON AFB NM

69-70, 73-80

NOV

PAGE 1

1500-1700

1300-1700
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83															.1			1	1					
82/ 81															.2			4	4					
80/ 79														.1	.3	.3		10	10					
78/ 77										.1			.2	.2	.2	.3		7	7					
76/ 75									.1			.2	.4	.8	.2			16	16					
74/ 73							.1	.1	.1		.2	.7	.9	.4				23	23					
72/ 71						.1				.2	.8	1.2	1.0	.7				36	36					
70/ 69						.1		.1	.1	.6	.6	1.2	1.6					38	38					
68/ 67							.1	.3	.3	.7	1.4	1.0	.8					42	42					
66/ 65					.1	.1		.2	.7	1.1	1.4	.6	.4					42	42					
64/ 63					.1		.4	.6	1.2	1.4	1.2	.9						53	53					
62/ 61			.3	.3	.1	.4	.3	1.2	.8	1.4	1.2	.1						57	57	3				
60/ 59		.3	.3			.4	.7	.9	1.6	1.2	.4	.1						54	54	4				
58/ 57			.2	.1	.4	.2	1.8	.8	1.1	1.4	.2							57	57	9				
56/ 55			.4	.1	.4	1.1	.9	.3	1.3	.9	.1							51	51	16	7			
54/ 53			.1	.4	.3	1.3	1.2	1.6	1.1	.2								57	57	33	8			
52/ 51		.2	.3	.1	.6	.7	1.7	1.1	.8	.1								50	50	38	7			
50/ 49		.2	.4	.8	.8	.6	.6	1.3	.7									45	45	82	7			
48/ 47		.1	.1	.4	.7	1.1	.9	1.1	.3									43	43	99	6			
46/ 45		.2	.3	.2	.6	1.1	.7	.8										35	35	96	10			
44/ 43	.2	.3	.7	.3	.7	.8	.3	.1										31	31	102	19			
42/ 41		.1	.1	.6	1.1	.3	.8	.1										28	28	69	23			
40/ 39			.6	.2	.9	1.0	.4											28	28	77	15			
38/ 37			.4	1.1	.3	.8												24	24	57	29			
36/ 35		.1	1.1	.1	.4	.4	.1											21	21	50	52			
34/ 33		.8	.1	.7	.2	.1												17	17	51	52			
32/ 31	.3	.1	.3	.2		.1												10	10	40	71			
30/ 29		.3	.1	.1														5	5	27	48			
28/ 27			.2	.1														3	3	21	64			
26/ 25			.1	.1														2	2	9	69			
24/ 23		.4																4	4	4	60			
22/ 21																				7	63			
20/ 19			.2															2	2		74			
18/ 17			.1															1	1	1	39			
Element (X)	Σ x²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

NOV
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23008

CANNON AFB NM

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1600-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
68/ 67											.1							1	1		
66/ 65					.1					.1	.4	.1						7	7		
64/ 63					.1				.1	.4	.6	.1						12	12		
62/ 61				.1	.1	.2		.1	.6	.7	.2							18	18		
60/ 59				.4	.2	.3	1.0	.8	1.6	.4								43	43		
58/ 57		.2	.1		.3	.6	.4	1.3	.8	.7								40	40	2	
56/ 55		.3		.2	.3	.6	.6	.9	.3	.3	.1							33	33	4	
54/ 53		.1	.2	.6	.3	1.3	1.8	1.3	.6	.3								59	59	10	
52/ 51	.1	.3	.4	.9	1.4	1.2	1.0	.6	1.0	.2								65	65	6	
50/ 49		.3	.6	1.2	1.8	1.2	1.6	1.3	.7	.1								79	79	21	
48/ 47		.7	.4	.8	2.0	1.3	1.3	.3	.2									64	64	34	
46/ 45	.3	.1	.4	2.6	1.4	1.0	.7	.6										64	64	61	
44/ 43	.1	.4	.4	1.3	2.3	2.8	1.3	.2										81	81	83	
42/ 41	.3		1.4	.6	2.0	.7	.8	.2										54	54	88	
40/ 39		.7	1.3	1.1	1.1	1.1	.6											53	53	89	
38/ 37		.4	1.2	1.3	.2	1.1												39	39	75	
36/ 35		.9	2.1	1.0	.6	1.0												50	50	92	
34/ 33	.2	.7	1.9	1.1	1.1	.2												47	47	93	
32/ 31	.3	.4	1.1	1.0	.9													34	34	69	
30/ 29	.3	.4	.7	.8	.3													23	23	56	
28/ 27		.2	.7	.2	.3													13	13	38	
26/ 25		.1	.2		.1													4	4	33	
24/ 23		.8	.3															10	10	19	
22/ 21				.1														1	1	13	
20/ 19																				7	
18/ 17																					
16/ 15		.2																2	2	1	
14/ 13		.4																4	4	2	
12/ 11																				4	
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
2/ -1																					
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08

CANNON AFB NM

69-70,73-80

NOV

STATION

STATION NAME

YEARS

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PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83															.0		.0	3	3		
82/ 81															.1	.1		13	13		
80/ 79													.0	.1	.1	.1		20	20		
78/ 77										.0	.0	.0	.1	.1	.0			21	21		
76/ 75					.0				.0		.0	.1	.1	.2	.1			43	43		
74/ 73							.0	.0	.0		.1	.2	.3	.1				55	55		
72/ 71						.0	.0	.0	.0	.1	.3	.4	.3	.2				95	95		
70/ 69						.0	.0	.0	.0	.3	.3	.4	.5	.0				114	114		
68/ 67							.0	.1	.1	.3	.4	.3	.2					108	108	1	
66/ 65				.0	.1	.0	.0	.1	.3	.4	.5	.3	.1					132	132		
64/ 63				.1	.0	.0	.1	.2	.5	.6	.5	.3						163	163		1
62/ 61			.1	.2	.1	.1	.2	.6	.3	.5	.4	.1						178	178	4	
60/ 59		.1	.2	.1	.1	.2	.4	.5	.7	.7	.1	.0						214	214	12	
58/ 57		.1	.2	.1	.2	.3	.5	.7	.6	.5	.1							232	232	34	
56/ 55		.3	.2	.2	.3	.6	.6	.6	.5	.4	.0							259	259	51	14
54/ 53	.1	.3	.2	.3	.4	.7	1.0	.9	.6	.1								321	321	135	52
52/ 51	.1	.3	.3	.4	.6	.9	.9	.6	.4	.1								329	329	174	62
50/ 49	.1	.4	.5	.8	.8	1.0	.8	.7	.4	.0								388	388	294	43
48/ 47	.0	.4	.9	.8	1.2	1.0	.9	.5	.1									406	406	341	67
46/ 45	.1	.5	1.2	1.3	1.1	1.0	.7	.3										445	445	427	86
44/ 43	.2	.5	1.0	1.3	1.5	1.1	.7	.1										456	456	536	109
42/ 41	.3	.7	1.6	1.4	1.5	.9	.6	.1										496	496	578	176
40/ 39	.1	.4	1.7	1.3	1.4	.9	.4											436	436	609	208
38/ 37	.1	.4	2.1	1.5	.8	.5	.0											386	386	564	264
36/ 35	.2	1.0	2.0	1.4	.7	.4	.0											407	407	577	332
34/ 33	.2	1.0	1.7	1.1	.5	.2												335	335	661	414
32/ 31	.4	.8	1.8	1.1	.6	.2												340	340	518	562
30/ 29	.2	.6	1.0	.9	.3													211	211	455	503
28/ 27	.1	.5	.6	.5	.2													131	131	318	545
26/ 25	.1	.2	.8	.2	.1													93	93	259	513
24/ 23		.4	.5	.1														78	78	153	405
22/ 21		.3	.3	.1														52	52	150	533
20/ 19		.2	.2	.0														25	25	87	503
18/ 17		.1	.2															21	21	27	297
Element (X)	Σx²		Σx		x̄		σ²		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

27.08
STATION

CANNON AFB NM

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

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ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23 08
STAT

CANNON AFB NM

69-70, 74-80

DEC

MONTH

PAGE 1

3300-0500

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb		Dew Point		
50/ 55			.4															3	3				
44/ 53							.1											1	1				
52/ 51							.2	.2										4	4	3			
51/ 49			.1			.4	.4	.4										10	10				
45/ 47			.2		.1	.8	.4	.1										14	14		3		
46/ 45			.4	.2	.8	.4	.5	.2										21	21	1			
44/ 43		.6		.6	1.4	1.0	.6											35	35	6			
42/ 41		.6	.5	.8	.6	1.2	.7											37	37	6	3		
41/ 39	.1	.2	1.1	1.4	1.2	.7												40	40	21	10		
36/ 37		1.0	2.4	2.9	1.8	.8												74	74	28	4		
36/ 35	.1	.2	1.6	2.5	1.6	.7												56	56	52	10		
34/ 33	.6	.4	2.3	2.5	1.9	.5												68	68	58	11		
32/ 31	.6	2.3	5.3	4.1	1.3	.2												115	115	90	23		
30/ 29	.5	2.9	5.4	3.3	1.1													110	110	83	35		
28/ 27		3.6	3.2	2.0														74	74	112	42		
26/ 25	.1	2.0	1.8	1.2	.1													44	44	125	55		
24/ 23	.4	1.6	2.2	.5														38	38	90	59		
22/ 21	.6	2.2	1.1															32	32	54	98		
20/ 19	.1	1.8	1.4															28	28	46	97		
18/ 17		.7	.2															8	8	23	79		
16/ 15		.4																3	3	13	72		
14/ 13		.5	.2															6	6	6	56		
12/ 11	.5	.1	.1															6	6	7	49		
10/ 9	.5	.4																7	7	8	46		
8/ 7																				2	40		
6/ 5																					16		
4/ 3																					11		
2/ 1																					8		
0/ -1																					3		
-2/ -3																					2		
-4/ -5		.1																1	1				
-6/ -7		.1																1	1	1	2		
-8/ -9		.1																1	1	1			
-10/ -11																				1			
Element (X)	Σ x'		Σ x		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

2

PSYCHROMETRIC SUMMARY

DEF

MONTM

0300-0500

0300-0300
HOURS (L, S, T.)

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08

CANNON AFB NM

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-C800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
50/ 55			.1															1	1			
49/ 53			.2					.1	.1									4	4			
52/ 51							.1	.1										2	2	1		
50/ 49			.2		.1	.1	.5											9	9	2		
48/ 47			.4		.2	1.2	.8	.2										26	26		3	
46/ 45			.1	.2	1.1	.4	.3											20	20	2		
44/ 43		.4	.3	.4	1.2	1.4	.3											38	38	4	2	
42/ 41		.4	.4	1.0	1.5	.9	.3											42	42	9	6	
40/ 39		.3	.4	1.4	1.4	1.6	.3											51	51	17	3	
38/ 37		.8	1.6	1.6	2.0	.5												61	61	38	4	
36/ 35	.2	.8	2.0	2.7	1.8	1.1												80	80	54	7	
34/ 33	.4	1.4	2.4	2.7	1.4	.3												80	80	72	15	
32/ 31	.4	1.6	3.9	3.9	1.7	.2												109	109	87	23	
30/ 29	.8	2.7	5.4	2.0	.2													103	103	93	34	
28/ 27	.2	3.3	4.7	2.5	.3													103	103	119	47	
26/ 25	.1	2.5	2.5	1.2														58	59	144	66	
24/ 23		1.3	.9	.2														22	22	101	61	
22/ 21	.4	1.5	1.7	.3														37	37	63	99	
20/ 19	.5	1.7	.5															26	26	33	104	
18/ 17	.2	1.3	.9															22	22	32	90	
16/ 15		1.3	.2															14	14	21	107	
14/ 13	.2	.2	.2															6	6	17	55	
12/ 11	.3	.3	.1															7	7	9	49	
10/ 9	.1	.1																2	2	5	60	
8/ 7	.3																	3	3	3	43	
6/ 5																					15	
4/ 3		.1																1	1	1	13	
2/ 1																					12	
0/ -1		.1																1	1		5	
-2/ -3		.1																1	1	1	1	
-4/ -5																				1	2	
-6/ -7																					1	
-10/ -11																					1	
-18/ -19																					1	
Element (X)	Σ H		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						
Mean No. of Hours with Temperature																						
		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total								

USAFETAC FORM 0-20-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

DEC

MONTH

0600-0800

0000-000
MOORE (I. S. Y.)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

D-26-5 (OL A)

NOV 20 1967

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 08
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
72/ 71													.1					1	1							
70/ 69											.1	.1						2	2							
68/ 67											.1							1	1							
66/ 65							.1		.1			.3						5	5							
64/ 63								.1	.2	.6	.2							11	11							
62/ 61					.1			.1	.5	.6	.4	.1						18	18							
60/ 59					.1	.1		.5	1.0	1.0	.4							29	29							
58/ 57						.1	.1	1.4	.9	.9	.2							33	33							
56/ 55			.1	.1	.1		.4	1.6	1.3	.6	.1							41	41	1						
54/ 53			.3	.1	.1	.3	1.6	1.7	.6	.4								49	49	2						
52/ 51				.4	.2	1.6	1.4	1.2	1.0	.1								55	55	2						
50/ 49			.1	.2	.9	1.4	1.6	1.6	.4									58	58	7	1					
48/ 47			.1	.4	.5	2.0	1.7	1.0	.1									55	55	14	4					
46/ 45		.1	.2	.6	1.2	2.2	2.3	1.7										77	77	26	2					
44/ 43		.2	.3	1.0	1.2	2.8	1.5	.8										72	72	53	4					
42/ 41			.8	.9	1.2	1.9	.5											49	49	84	4					
40/ 39			.4	1.5	2.2	1.8	.6											61	61	86	7					
38/ 37		.1	1.3	1.7	2.5	1.1	.2											64	64	90	5					
36/ 35		.6	.9	2.5	1.2	.6												54	54	96	16					
34/ 33		.2	1.9	1.8	.8													44	44	105	17					
32/ 31	.1	.8	1.8	1.6	.9													48	49	94	49					
30/ 29	.1	.6	1.1	.4	.4													25	25	92	67					
28/ 27		.2	.8	1.1														19	19	62	62					
26/ 25		.6	.8	.3														16	16	40	89					
24/ 23	.1	.4	.5															10	10	23	52					
22/ 21	.1		.4	.1														6	6	19	95					
20/ 19	.5	.5	.1															11	11	16	135					
18/ 17	.1	.2	.1															4	4	9	85					
16/ 15		.1	.1															2	2	4	38					
14/ 13	.1																	1	1	2	46					
12/ 11	.3	.1																4	4	3	54					
10/ 9	.1																	1	1	2	39					
8/ 7	.2	.1																3	3	2	30					
6/ 5																				1	17					
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Ref. Num.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) REVERSED REVISIONS OF THIS FORM ARE OBSOLETE

2

•

DEC
MONTH

MONTH

0900-1100
HOURS (L. S. T.)

HOURS (L, S, T)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

23 08

CANNON AFB NM

69-70, 73-87

DEC

MONTH

PAGE 1

1200-1400

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

22-08
STATIC

CANNON AFB NM

69-72, 73-80

DEC
MONTH

PAGE 2

1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

23 08
STATION

CANNON AFB NM
STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

PAGE 1 1900-1
HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew	
70/ 75												.1						1	1			
74/ 73													.2					2	2			
72/ 71											.1	.2	.3	.1				7	7			
7 / 69											.2	.2	.4					8	8			
60/ 67						.1				.5	.8	1.4	.5					31	31			
66/ 65						.1		.1	.2	.8	1.6	.9	.3					37	37			
64/ 63						.3	.1	.1	.4	1.2	1.5	.5						39	39			
62/ 61					.1	.2		.1	1.0	1.7	.8	.5						41	41			
6 / 59						.1		.8	1.1	1.7	.5							39	39			
58/ 57					.1		.6	1.3	1.5	1.9	1.0							60	60	1		
56/ 55					.1	.1	.5	2.5	1.8	1.6	.1							63	63	1		
54/ 53					.2	.5	1.5	1.9	1.7	.9	.1							64	64	5		
52/ 51			.1	.3	.1	1.2	2.0	2.4	1.6	.8								79	79	6		
5 / 49					.3	.4	1.4	2.0	.6									45	45	18		
48/ 47				.1	.3	.9	1.4	1.0	.5									39	39	37		
48/ 45			.1	.6	.6	1.9	2.2	1.5	.3									68	68	82		
44/ 43				.6	1.2	1.1	1.9	.4										49	49	75		
42/ 41			.2	1.1	1.1	1.7	.5	.2										45	45	93		
40/ 39		.2	.4	.6	1.7	1.4	.4											45	45	100		
38/ 37		.2	.8	1.2	1.2	.8	.1											39	39	100		
36/ 35		.4	.3	.9	.6	1.1	.1											32	32	103		
34/ 33		.6	.4	.5	.6													21	21	82		
32/ 31		.4	1.0	.4	.2													19	19	80		
3 / 29	.2	.4	.1	.9	.2													17	17	51		
28/ 27		.2		.5	.1													8	8	27		
26/ 25		.2	.3	.1														6	6	20		
24/ 23		.4	.3															7	7	16		
22/ 21			.1															1	1	11		
20/ 19	.1	.4																5	5	8		
18/ 17	.5																	5	5	6		
16/ 15		.1																1	1	1		
14/ 13	.3																	3	3	3		
12/ 11	.1	.1																2	2	1		
10/ 9																				1		
Element (X)	Σ X ¹		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.											≤ 0 F		≤ 32 F		≈ 67 F		≈ 73 F		≈ 80 F		Tot	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

27 J08
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
YEARS

YEARS

DEC
MONTH

PAGE 1 1870-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
64/ 63											.1							1	1				
63/ 59						.1				.1								2	2				
62/ 57					.3			.1	.3	.1	.2							10	10				
59/ 55				.1			.3	.3	.6	.2								15	15				
57/ 53				.1	.2	.1	1.0	.9	.2									22	22				
57/ 51			.1	.1		.5	1.1	1.4	.5									35	35	2			
57/ 49			.4	.5	.5	2.0	3.6	1.1	.4	.2								82	82	3			
53/ 47			.1	.2	.8	1.8	1.7	.8	.2									52	52	3			
48/ 45					1.6	2.5	1.3	.9	.1									56	56	7	3		
44/ 43		.1	.2	.4	2.6	2.4	1.5	.5										72	72	14	5		
42/ 41			1.0	1.0	1.5	2.0	1.0	.4										64	64	31	7		
41/ 39		.1	1.4	1.3	1.7	2.3	.6											69	69	71	6		
37/ 37		.2	2.3	1.4	2.6	2.7	.3											68	68	97	3		
35/ 35		.4	2.2	1.7	1.6	1.6												70	70	98	7		
34/ 33		1.5	2.2	2.5	1.7	.5												78	78	98	11		
32/ 31	.3	1.1	2.2	2.4	1.5	.3												72	72	111	37		
31/ 29	.1	.5	1.7	1.4	1.7	.1												45	45	118	56		
28/ 27	.1	.6	.6	.6														19	19	79	73		
26/ 25	.2	.9	.5	1.1	.1													26	26	72	94		
24/ 23		.5	.3	.2														10	10	51	63		
22/ 21		.2	.8	.1														10	10	20	77		
22/ 19		.5	.3															8	8	15	17		
18/ 17	.1	.3	.1															5	5	17	56		
16/ 15	.4	.1																5	5	7	69		
14/ 13	.1	.1																2	2	4	59		
12/ 11	.6																	6	6	6	42		
10/ 9																					52		
8/ 7																					43		
5/ 5	.1																	1	1	1	22		
4/ 3																					15		
2/ 1	.1																	1	1	1	18		
0/ -1	.1																	1	1	1	5		
-2/ -3																					4		
Element (X)	Σ X'		Σ X		X̄		σ _a		No. Obs		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

27.08
STATION

CANNON AFB NM STATION NAME

69-70, 73-80 YEARS

DEC
MONTH
1800-2000
HOURS (L. S. T.)

PAGE 2

[illegible]

2

MONTH

1

ALL
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

ALL

ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
3/ 7	.1	.0																7	7	9	290	
5/ 5	.0																	1	1	2	153	
4/ 3		.0																1	1	1	105	
2/ 1	.0																	3	3	3	89	
-1/ -1	.0	.0																2	2	1	33	
-2/ -3	.0	.0																3	3	3	10	
-4/ -5	.0	.0																3	3	2	4	
-6/ -7		.0																1	1	2	4	
-8/ -9		.0																1	1	1	1	
-10/ -11																				1	1	
-14/ -15																					1	
-18/ -19																					2	
-22/ -21																					1	
-24/ -25																					1	
TOTAL	2.6	11.6	18.1	16.2	13.7	11.6	8.3	6.1	4.3	3.5	2.0	1.3	.6	.0				7276	7278	7276	7276	

PSYCHROMETRIC SUMMARY

23.08
STATO

CANNON AFB NM

69-70, 73-81

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
34/ 37	.1	.3	.7	.8	.5	.3	.0	.0										2373	2374	3717	2468		
26/ 35	.1	.5	.8	.7	.5	.2	.0											2318	2318	3658	2612		
34/ 33	.1	.5	.7	.7	.4	.1	.0											2132	2132	3644	2779		
32/ 31	.1	.7	1.0	.6	.3	.0	.0											2347	2348	3347	3638		
3 / 29	.1	.6	.8	.4	.1	.0												1738	1738	2962	3561		
25/ 27	.1	.7	.5	.3	.1	.0												1383	1383	2769	3704		
20/ 25	.1	.5	.5	.2	.0													1087	1088	2288	4050		
24/ 23	.0	.4	.3	.1	.0													626	626	1477	3079		
22/ 21	.1	.4	.2	.0	.0													616	616	1087	3971		
20/ 19	.1	.4	.2	.0														555	555	775	4359		
18/ 17	.1	.2	.1	.0														295	295	509	2868		
15/ 15	.1	.2	.1	.0														223	223	341	2646		
14/ 13	.0	.1	.0															142	142	242	2002		
12/ 11	.1	.1	.0															119	119	173	1689		
1 / 9	.1	.1	.0															72	72	100	1353		
3/ 7	.0	.0	.0															50	50	59	888		
0/ 5	.0	.0																20	20	39	578		
4/ 2	.0	.0																10	10	17	383		
2/ 1	.0	.0																8	8	9	307		
2/ -1	.0	.0																5	5	4	149		
-2/ -3	.0	.0																6	6	6	68		
-4/ -5	.2	.0																7	7	6	50		
-6/ -7	.0	.0																4	4	5	35		
-8/ -9		.2																1	1	1	25		
-1 / -11																				1	16		
-12/ -13																					3		
-14/ -15																					5		
-16/ -17																					1		
-18/ -19																					2		
-20/ -21																					1		
-24/ -25																					1		
TOTAL	1.4	10.1	13.7	12.1	10.6	9.5	8.2	7.0	5.9	4.8	4.2	3.4	2.8	2.3	1.6	1.1	1.2		84958		84958		
Element (X)	Σx²		Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	264407194		4337822		51.1		22.478		84958		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb	306436556		4850380		57.1		18.650		84968		2.4		963.4		2953.3		1922.6		1089.1		144.3		8760
Wet Bulb	200299420		3949580		46.5		14.016		84958		2.4		1675.5		386.4		1.2						8760
Dew Point	133017785		3064147		36.1		16.275		84958		36.7		4071.2		4.2								8760

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2006

CANNON AFB NM

69-70, 73-81

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
0-02	MEAN	29.5	34.9	38.8	48.7	55.8	65.1	69.7	68.0	61.4	50.2	39.1	33.1	49.6	
	S.D.	9.266	7.974	8.256	7.921	6.646	6.389	3.755	3.715	5.824	8.075	8.433	7.961	15.553	
	TOTAL OBS	782	734	814	791	806	768	831	851	810	850	840	868	9745	
3-05	MEAN	28.2	33.5	36.3	45.9	53.2	62.1	67.2	65.8	59.5	48.2	37.4	31.9	47.7	
	S.D.	9.087	7.982	8.152	7.476	6.313	5.528	3.248	3.161	5.541	7.870	8.314	8.236	15.132	
	TOTAL OBS	747	703	783	770	776	749	832	852	810	848	811	837	9518	
6-09	MEAN	27.8	33.5	38.7	49.1	58.8	67.8	71.9	69.5	62.0	50.4	38.6	31.8	50.1	
	S.D.	8.957	8.202	9.077	8.845	7.845	7.212	5.459	5.065	7.082	8.519	8.762	8.320	17.087	
	TOTAL OBS	930	845	930	900	929	899	930	930	899	930	900	930	10952	
9-11	MEAN	37.5	44.2	50.3	60.7	69.4	78.9	81.7	80.1	72.1	62.3	50.3	43.1	60.9	
	S.D.	11.747	11.235	11.730	10.076	9.201	8.865	6.826	6.298	9.572	11.188	11.372	10.741	18.113	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
12-14	MEAN	44.7	51.8	57.1	67.1	75.3	85.2	87.2	86.0	77.7	68.7	57.1	50.9	67.5	
	S.D.	13.292	12.372	12.551	10.752	9.700	9.307	7.081	6.794	10.661	12.007	12.676	11.890	18.054	
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	899	930	10954	
15-17	MEAN	44.9	52.6	58.3	68.0	76.1	85.8	87.5	86.1	78.0	68.2	55.3	49.2	67.6	
	S.D.	12.897	12.310	12.457	10.944	9.735	9.593	7.303	6.988	10.366	11.621	12.337	11.611	18.205	
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	900	929	10954	
18-20	MEAN	36.0	42.8	49.4	59.7	68.1	77.9	80.4	77.7	69.2	57.4	45.2	39.0	58.6	
	S.D.	10.231	9.809	10.399	10.067	8.977	9.293	7.039	6.253	8.232	8.982	9.653	9.200	17.854	
	TOTAL OBS	930	843	930	897	930	898	930	930	900	930	900	927	10945	
21-23	MEAN	31.9	37.6	42.8	52.2	59.8	69.4	72.8	70.9	63.6	52.6	41.3	34.9	52.6	
	S.D.	9.523	8.587	8.925	8.559	6.737	7.027	4.738	4.430	6.494	8.218	8.933	8.335	16.084	
	TOTAL OBS	930	843	930	897	930	898	930	930	900	929	900	927	10944	
ALL HOURS	MEAN	35.3	41.6	46.8	56.7	65.0	74.5	77.5	75.7	68.1	57.4	45.7	39.4	57.1	
	S.D.	12.611	12.402	13.081	12.383	11.642	11.697	9.447	9.344	10.751	12.409	12.554	12.079	18.650	
	TOTAL OBS	7109	6505	7177	6955	7161	6911	7243	7283	7019	7277	7050	7278	84968	

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23008

CANNON AFB NM

69-70,73-81

STATION		STATION NAME										YEARS		
HRS (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	25.7	30.0	32.7	41.2	49.0	56.5	61.7	60.7	55.5	43.7	33.9	28.2	43.3
	S.D.	7.576	6.232	6.545	7.414	6.536	5.598	2.683	3.222	5.425	7.272	7.624	6.586	14.104
	TOTAL OBS	792	734	814	790	806	768	831	851	810	850	840	868	9744
03-05	MEAN	24.7	29.1	31.3	39.9	48.0	55.5	60.6	59.8	54.6	42.6	32.8	27.4	42.5
	S.D.	7.518	6.448	6.865	7.526	6.992	5.555	2.726	3.090	5.595	7.370	7.731	6.795	14.180
	TOTAL OBS	747	703	783	767	776	749	832	852	810	848	811	837	9515
06-08	MEAN	24.4	29.2	33.3	42.0	51.0	58.3	63.1	61.6	55.8	44.1	33.4	27.2	43.7
	S.D.	7.510	6.596	7.266	7.793	6.663	5.526	2.653	3.169	6.034	7.278	7.735	6.747	14.957
	TOTAL OBS	930	845	930	898	929	899	930	930	899	930	900	929	10949
09-11	MEAN	30.5	35.7	39.4	46.8	54.8	61.3	66.1	65.1	59.7	49.6	40.2	34.2	48.7
	S.D.	8.289	7.159	7.348	6.812	5.962	5.229	2.410	2.628	5.896	7.119	8.011	7.272	13.746
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955
12-14	MEAN	35.0	39.6	42.1	48.9	55.8	62.2	66.7	65.8	60.9	51.7	43.1	38.2	50.9
	S.D.	8.525	7.141	6.997	6.324	5.345	4.673	2.343	2.689	5.511	6.600	8.023	7.400	12.529
	TOTAL OBS	930	845	930	900	930	899	930	930	900	929	899	930	10952
15-17	MEAN	35.0	39.8	42.3	48.7	55.5	61.8	66.3	65.4	60.5	51.2	42.0	37.2	50.5
	S.D.	8.154	6.927	6.649	6.030	4.914	4.393	2.150	2.666	5.123	6.398	7.877	7.200	12.365
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	900	929	10954
18-20	MEAN	29.9	34.4	38.1	45.3	52.9	59.7	64.7	63.6	58.1	46.9	36.9	31.6	46.9
	S.D.	7.497	6.320	6.294	6.414	5.291	4.791	2.344	3.016	5.348	6.561	7.497	6.721	13.545
	TOTAL OBS	930	843	930	897	930	898	930	930	900	930	900	927	10945
21-23	MEAN	27.5	31.5	35.1	42.6	50.1	57.5	62.8	61.6	56.3	44.7	33.9	29.1	44.5
	S.D.	7.537	6.171	6.350	7.014	5.807	5.417	2.524	3.224	5.484	6.925	7.655	6.627	13.835
	TOTAL OBS	930	843	930	897	930	898	930	930	900	929	900	927	10944
ALL HOURS	MEAN	29.3	33.8	37.0	44.6	52.3	59.2	64.1	63.0	57.7	46.9	37.2	31.7	46.5
	S.D.	8.803	7.810	7.870	7.633	6.575	5.646	3.261	3.677	6.013	7.708	8.657	8.062	14.016
	TOTAL OBS	7109	6504	7177	6949	7161	6911	7243	7283	7019	7276	7050	7276	34958

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2108

CANNON AFB NM

69-70,73-81

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
0-02	MEAN	18.5	21.7	23.2	31.9	42.3	49.8	56.7	56.1	51.2	36.6	25.8	19.1	36.2	
	S.D.	8.184	8.533	9.677	11.903	10.487	9.786	5.154	5.054	7.271	9.683	10.643	8.475	16.696	
	TOTAL OBS	782	734	814	790	806	768	831	851	810	850	840	868	9744	
3-05	MEAN	17.6	21.5	23.1	32.1	42.7	50.4	56.5	55.8	50.7	36.3	25.6	18.9	36.3	
	S.D.	8.221	8.504	9.751	11.649	10.570	8.936	4.841	4.810	7.464	9.640	10.461	8.497	16.711	
	TOTAL OBS	747	703	783	767	776	749	832	852	810	848	811	837	9515	
6-08	MEAN	17.5	21.9	25.1	33.4	44.0	51.6	58.1	56.9	51.2	37.3	25.5	18.7	36.8	
	S.D.	8.203	8.486	9.796	11.487	10.308	8.811	4.209	4.690	7.805	9.362	10.400	8.201	16.964	
	TOTAL OBS	930	845	930	898	929	899	930	930	899	930	900	929	10949	
9-11	MEAN	20.5	24.1	25.6	32.0	42.9	49.5	57.8	56.7	51.6	38.0	27.6	21.1	37.4	
	S.D.	8.158	8.658	9.381	11.623	10.469	9.921	4.610	4.970	7.939	9.315	10.581	8.261	16.114	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955	
12-14	MEAN	21.3	23.9	23.7	29.9	40.0	46.8	55.7	54.5	49.9	36.5	26.7	21.1	35.9	
	S.D.	8.414	8.920	9.120	11.164	10.196	9.635	5.287	6.054	8.048	9.015	10.770	8.595	15.476	
	TOTAL OBS	930	845	930	900	930	899	930	930	900	929	899	930	10952	
15-17	MEAN	21.1	23.3	22.3	28.3	38.3	45.3	54.6	53.5	48.9	35.7	25.9	20.4	34.9	
	S.D.	8.273	9.120	8.774	10.902	9.996	9.700	5.410	6.517	8.400	9.252	10.815	8.569	15.377	
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	900	929	10954	
18-20	MEAN	20.0	22.1	22.7	29.0	39.3	46.7	55.9	55.3	50.5	36.4	25.5	19.6	35.3	
	S.D.	8.377	8.954	9.722	11.729	10.482	10.469	5.265	6.033	7.668	9.374	10.729	8.641	16.224	
	TOTAL OBS	930	843	930	897	930	898	930	930	900	930	900	927	10949	
21-23	MEAN	19.3	21.8	23.7	30.9	40.9	48.4	56.9	55.9	50.9	36.3	25.4	19.1	35.9	
	S.D.	8.329	8.524	9.673	11.968	10.556	10.415	5.109	5.414	7.528	9.584	10.815	8.537	16.546	
	TOTAL OBS	930	843	930	897	930	898	930	930	900	929	900	927	10944	
ALL HOURS	MEAN	19.5	22.6	23.7	30.9	41.2	48.5	56.5	55.6	50.6	36.6	26.0	19.8	36.1	
	S.D.	8.384	8.775	9.540	11.663	10.543	9.940	5.109	5.591	7.821	9.420	10.674	8.519	16.275	
	TOTAL OBS	7109	6504	7177	6949	7161	6911	7243	7283	7019	7276	7050	7276	84958	

RELATIVE HUMIDITY

JAG

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	98.8	92.1	78.8	62.4	38.5	18.2	7.4	65.4	782
	03-05	100.0	100.0	98.4	92.9	81.9	64.8	43.4	25.9	9.1	66.7	747
	06-08	100.0	100.0	98.7	94.4	84.7	64.2	42.5	22.7	8.7	67.1	930
	09-11	100.0	98.6	88.9	73.1	54.5	37.8	24.5	13.1	5.2	55.2	937
	12-14	100.0	90.5	70.8	46.7	31.9	22.9	13.9	6.6	3.1	44.2	930
	15-17	100.0	88.3	68.0	46.1	31.5	21.8	13.3	7.3	2.9	43.6	93
	18-20	100.0	98.6	89.6	76.3	56.2	39.8	24.8	12.0	4.5	55.8	93
	21-23	100.0	99.9	97.2	86.1	72.3	53.1	33.7	17.3	6.2	62.2	93
TOTALS		100.0	97.1	88.8	76.0	61.5	45.9	29.4	14.8	5.9	57.5	7109

2

ff :-

STATION

STATION NAME

PERIOD

MONTH

1

USAFETAC FORM JUL 64 0-87-5 (OL A)

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

MAR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	97.5	88.9	74.0	60.1	45.9	30.7	16.3	4.1	57.4	614
	03-05	100.0	99.0	91.7	82.0	70.2	54.3	39.3	23.2	5.1	62.1	763
	06-08	100.0	98.4	90.0	81.1	69.4	54.5	39.8	23.0	6.3	61.9	930
	09-11	99.6	85.7	67.6	48.5	32.9	22.5	14.0	7.2	2.6	43.4	930
	12-14	97.7	65.5	41.1	26.8	17.7	11.2	7.7	4.5	1.1	32.7	930
	15-17	97.4	55.2	35.1	21.2	14.9	10.5	7.6	4.0	1.0	30.0	930
	18-20	99.5	79.9	57.3	41.1	28.5	20.0	12.7	6.7	1.8	40.3	930
	21-23	100.0	94.3	79.8	64.3	49.0	36.2	21.7	12.4	2.8	51.4	930
TOTALS		99.3	84.4	66.7	54.9	42.9	31.9	21.7	12.4	3.1	47.4	7177

AD-A110 041

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/O 4/2
CANNON AFB, CLOVIS, NEW MEXICO REVISED UNIFORM SUMMARY OF SURFA--ETC(U)
SEP 81

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USAFETAC/DS-81/083

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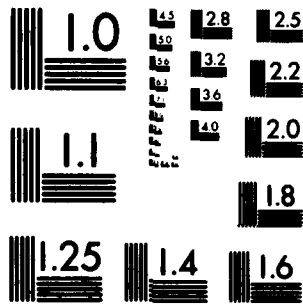
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2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008

CANNON AFB NM

69-70,73-80

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	96.6	84.9	72.5	57.1	43.0	29.7	19.5	6.8	56.7	790
	03-05	100.0	99.0	91.9	81.7	68.1	52.9	39.4	26.3	9.1	62.2	767
	06-08	100.0	97.8	88.4	75.8	61.8	46.5	33.4	20.4	7.2	58.7	898
	09-11	100.0	79.2	55.4	38.3	26.1	17.3	10.9	5.6	2.4	39.0	900
	12-14	99.1	56.0	34.0	22.3	12.7	9.0	4.7	2.6	1.1	29.4	900
	15-17	99.1	49.6	27.9	19.1	11.1	8.2	5.7	3.4	1.6	27.1	900
	18-20	99.9	72.4	48.3	33.3	23.1	16.2	11.8	7.0	2.7	36.8	897
	21-23	100.0	91.4	74.4	58.5	42.4	30.9	20.4	12.8	4.3	49.1	897
TOTALS		99.8	80.3	63.2	50.2	37.8	28.0	19.5	12.2	4.4	44.9	6949

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008

CANNON AFB NM

69-70,73-80

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	98.5	92.2	83.5	73.2	60.8	44.2	21.0	6.5	63.8	806
	03-05	100.0	99.6	96.5	88.9	81.6	73.1	58.8	33.4	10.3	70.1	776
	06-08	100.0	97.2	90.7	81.4	71.0	56.4	39.4	20.5	5.9	61.9	929
	09-11	100.0	85.4	68.9	52.2	33.1	19.4	9.6	3.8	.6	42.8	930
	12-14	99.2	68.7	46.3	25.4	14.3	8.6	4.3	1.7		32.2	930
	15-17	98.9	60.2	37.8	22.0	13.0	7.7	3.7	1.9	.3	29.8	930
	18-20	99.7	79.1	60.5	43.4	28.3	18.3	9.9	3.5	.4	39.9	930
	21-23	99.9	95.5	83.2	69.2	55.3	40.8	24.1	10.3	2.0	53.9	930
TOTALS		99.7	85.5	72.0	58.3	46.2	35.6	24.3	12.0	3.3	49.3	711

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NM

STATION NAME

69-70,73-80

PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	99.6	98.0	91.1	82.6	72.1	51.4	35.5	19.9	3.4	61.2	768
	03-05	99.9	99.3	96.3	89.6	81.7	71.4	47.8	27.2	5.9	67.9	749
	06-08	99.8	98.3	93.3	81.8	67.5	48.5	28.9	13.9	2.2	59.2	899
	09-11	98.9	85.0	65.6	44.7	25.7	13.2	5.7	2.1	.2	39.7	900
	12-14	97.9	66.3	39.0	20.6	9.9	5.8	2.1	.8		29.7	899
	15-17	97.7	58.8	31.8	18.6	10.9	7.2	4.4	1.6	.2	28.3	900
	18-20	98.4	78.6	55.5	37.0	26.3	16.6	9.9	4.8	.9	38.4	896
	21-23	99.4	95.0	82.0	67.1	48.0	33.5	21.8	10.5	1.2	51.5	898
TOTALS		99.0	84.9	69.3	55.3	42.8	31.0	19.5	10.1	1.8	47.0	6911

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008

CANNON AFB NM

69-70,73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	98.9	93.5	80.6	62.3	39.4	20.2	2.3	65.2	631
	03-05	100.0	100.0	99.8	97.5	87.3	73.4	50.6	27.3	3.6	69.7	632
	06-08	100.0	100.0	99.2	92.7	75.8	56.0	34.0	17.0	3.7	63.6	930
	09-11	100.0	98.4	85.8	60.0	35.4	18.6	7.7	3.7	.5	46.6	930
	12-14	100.0	91.1	59.7	31.3	15.3	6.8	2.7	1.4	.5	36.5	93
	15-17	100.0	87.1	52.2	28.5	15.5	7.0	3.2	1.1	.3	35.2	930
	18-20	100.0	97.4	80.1	55.8	34.8	21.3	9.6	4.2	.9	46.0	930
	21-23	100.0	100.0	97.8	84.8	67.1	48.5	26.5	11.9	2.4	59.6	930
TOTALS		100.0	96.8	84.2	68.0	51.5	36.7	21.7	10.9	1.8	52.8	7243

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23006
STATION

CANNON AFB NM

STATION NAME

69-70,73-80

PERIOD

AUG

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	99.9	97.5	87.7	68.6	39.1	18.7	.7	66.8	851
	03-05	100.0	100.0	100.0	98.9	93.5	78.6	54.5	25.2	1.9	71.0	852
	06-08	100.0	99.9	99.4	96.0	84.5	63.2	39.2	16.5	1.7	65.8	930
	09-11	100.0	98.8	87.2	62.3	35.7	18.3	6.9	2.2	.1	46.9	930
	12-14	99.8	90.6	58.3	32.4	16.1	7.1	2.2	.9		36.5	930
	15-17	99.7	86.2	52.9	30.1	15.9	6.9	3.0	.9		35.4	930
	18-20	100.0	98.1	87.3	64.5	41.2	24.9	11.5	3.7		48.7	930
	21-23	100.0	100.0	98.3	92.6	74.4	48.6	28.5	10.5	.3	60.8	930
TOTALS		99.9	96.7	85.4	71.8	56.1	39.5	23.1	9.8	.6	54.0	7283

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008

CANNON AFB NM

69-70,73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.5	95.9	87.9	75.4	51.5	28.6	8.1	70.7	810
	03-05	100.0	100.0	99.8	97.0	92.0	81.2	63.6	35.8	10.5	73.9	810
	06-08	100.0	100.0	98.8	93.5	86.3	72.0	51.8	28.6	8.1	69.9	899
	09-11	100.0	97.0	87.7	69.2	48.6	33.2	18.6	6.3	.6	51.8	900
	12-14	100.0	88.8	66.8	45.1	29.4	17.4	9.1	3.6	.3	41.7	900
	15-17	100.0	85.3	59.9	42.3	28.1	17.6	10.4	3.0	.3	40.4	900
	18-20	100.0	98.7	89.9	74.6	55.2	37.7	23.1	10.7	.8	54.7	900
	21-23	100.0	100.0	98.7	90.7	79.0	61.1	40.1	22.6	3.7	65.4	900
TOTALS		100.0	96.2	87.6	76.0	63.3	49.5	33.5	17.4	4.1	58.6	7019

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NM

STATION NAME

69-70,73-80

PERIOD

OCT

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	99.5	96.8	88.2	72.2	52.0	34.4	15.8	3.2	61.9	850
	03-05	100.0	100.0	97.9	91.3	79.4	62.0	42.3	20.8	4.2	65.5	848
	06-08	100.0	99.8	96.2	88.1	74.1	55.8	40.0	19.0	2.8	63.2	930
	09-11	100.0	92.6	71.7	51.1	32.6	21.6	13.3	8.8	1.9	45.0	930
	12-14	99.9	76.1	48.3	28.3	18.3	11.2	8.2	5.2	1.0	35.1	929
	15-17	99.9	75.6	46.7	27.6	17.7	12.0	7.5	3.8	.2	34.7	930
	18-20	100.0	97.0	81.8	61.6	40.9	27.1	15.4	7.7	.8	48.9	930
	21-23	100.0	98.8	93.4	79.0	60.2	39.8	25.7	11.4	1.6	56.7	929
TOTALS		100.0	92.4	79.1	64.4	49.4	35.2	23.4	11.6	2.0	51.4	7276

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NM

STATION NAME

69-70,73-80

PERIOD

NOV

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	99.2	93.7	85.2	69.6	55.4	33.7	14.8	6.0	61.5	840
	03-05	100.0	99.4	96.8	90.4	80.6	59.6	37.4	17.6	7.2	64.6	811
	06-08	100.0	99.1	95.0	86.7	72.4	54.4	34.3	15.0	6.2	62.0	900
	09-11	100.0	91.8	72.6	53.4	36.0	24.0	13.4	6.6	2.8	45.8	900
	12-14	99.0	76.6	49.9	32.0	21.5	14.1	7.2	3.6	1.6	35.9	899
	15-17	99.7	76.8	51.8	34.7	22.1	14.4	9.1	4.1	1.9	37.1	900
	18-20	99.9	95.0	81.2	63.0	46.3	30.1	15.9	7.7	3.6	49.9	900
	21-23	99.9	98.1	90.0	76.7	58.3	43.7	25.4	9.9	4.7	56.4	900
TOTALS		99.8	92.0	78.9	65.3	50.9	37.0	22.1	9.9	4.3	51.7	7050

USAFETAC

FORM
JUL 64

0-87.5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008
STATION

CANNON AFB NM
STATION NAME

69-70,73-80
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.7	96.0	84.8	64.4	44.9	25.2	11.8	4.3	58.8	868
	03-05	100.0	100.0	96.5	86.9	70.4	49.8	31.4	12.9	5.4	61.0	837
	06-08	100.0	100.0	97.0	85.5	69.4	49.8	30.0	14.0	5.4	60.7	929
	09-11	100.0	94.2	76.7	54.4	34.2	20.6	10.5	5.2	2.3	45.3	929
	12-14	99.7	78.4	48.5	29.4	16.2	10.4	6.2	3.1	1.5	34.9	930
	15-17	99.6	80.2	51.9	31.6	18.5	11.0	7.3	3.6	1.5	36.1	929
	18-20	100.0	96.8	84.5	61.4	40.2	27.4	16.0	6.5	2.7	49.0	927
	21-23	100.0	98.9	93.5	75.8	54.0	37.8	22.3	10.4	3.0	55.3	927
TOTALS		99.9	93.5	80.6	63.7	45.9	31.5	18.6	8.4	3.3	50.1	7276

USAFETAC

FORM
AUG 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23008

CANNON AFB NM

69-70,73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	97.1	88.8	76.0	61.5	45.9	29.4	14.8	5.9	57.5	7109
FEB		100.0	91.2	79.0	66.0	52.9	40.5	26.0	14.9	5.0	53.1	6504
MAR		99.3	84.4	68.7	54.9	42.8	31.9	21.7	12.4	3.1	47.4	7177
APR		99.8	80.3	63.2	50.2	37.8	28.0	19.5	12.2	4.4	44.9	6949
MAY		99.7	85.5	72.0	58.3	46.2	35.6	24.3	12.0	3.3	49.3	7161
JUN		99.0	84.9	69.3	55.3	42.8	31.0	19.5	10.1	1.8	47.0	6911
JUL		100.0	96.8	84.2	68.0	51.5	36.7	21.7	10.9	1.8	52.8	7243
AUG		99.9	96.7	85.4	71.8	56.1	39.5	23.1	9.8	.6	54.0	7283
SEP		100.0	96.2	87.6	76.0	63.3	49.5	33.5	17.4	4.1	58.6	7019
OCT		100.0	92.4	79.1	64.4	49.4	35.2	23.4	11.6	2.0	51.4	7276
NOV		99.8	92.0	78.9	65.3	50.9	37.0	22.1	9.9	4.3	51.7	7050
DEC		99.9	93.5	80.6	63.7	45.9	31.5	18.6	8.4	3.3	50.1	7276
TOTALS		99.8	90.9	78.1	64.2	50.1	36.9	23.6	12.0	3.3	51.5	84956

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

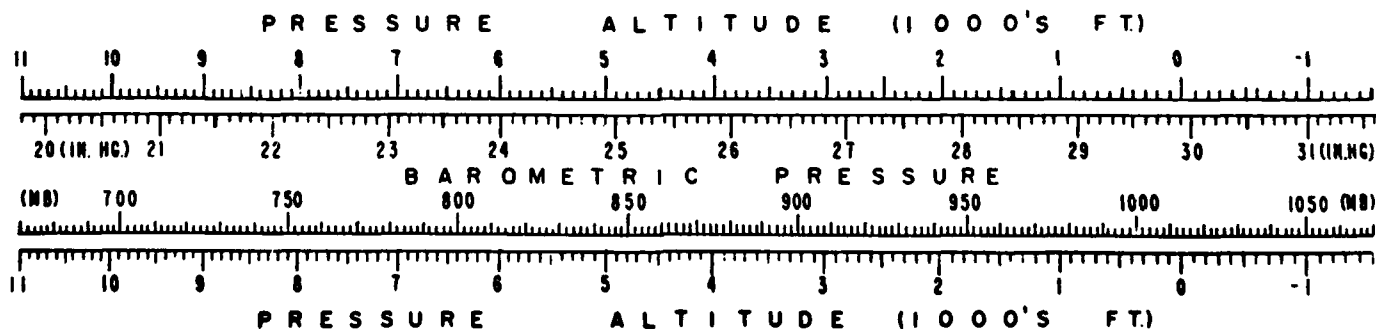
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23008

CANNON AFB NM

69-70,73-81

STATION		STATION NAME												YEARS	
HRS (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
02	MEAN S.D. TOTAL OBS	25.670 .167 248	25.663 .172 226	25.583 .169 252	25.593 .142 246	25.608 .135 248	25.660 .117 240	25.732 .069 276	25.721 .077 284	25.727 .114 270	25.712 .156 283	25.714 .170 270	25.676 .167 279	25.674 .150 3122	
05	MEAN S.D. TOTAL OBS	25.664 .166 251	25.655 .176 251	25.584 .164 279	25.603 .149 277	25.616 .131 279	25.674 .113 269	25.741 .069 280	25.726 .077 284	25.733 .113 270	25.718 .155 283	25.713 .171 271	25.666 .168 279	25.675 .150 3273	
08	MEAN S.D. TOTAL OBS	25.689 .168 310	25.693 .176 282	25.607 .168 310	25.631 .158 300	25.648 .140 310	25.701 .117 300	25.764 .073 310	25.754 .078 310	25.757 .113 300	25.750 .155 310	25.739 .174 300	25.691 .173 310	25.702 .154 3652	
11	MEAN S.D. TOTAL OBS	25.699 .171 310	25.699 .177 282	25.599 .172 310	25.618 .159 300	25.633 .141 310	25.687 .117 300	25.752 .072 310	25.745 .077 310	25.752 .115 300	25.741 .158 310	25.733 .176 300	25.697 .177 310	25.696 .156 3652	
14	MEAN S.D. TOTAL OBS	25.629 .172 310	25.635 .176 282	25.537 .169 310	25.566 .154 300	25.585 .140 310	25.640 .117 299	25.707 .072 310	25.697 .077 310	25.701 .117 300	25.682 .157 310	25.672 .172 300	25.636 .174 310	25.640 .155 3651	
17	MEAN S.D. TOTAL OBS	25.635 .169 310	25.629 .168 281	25.524 .163 310	25.541 .150 300	25.554 .139 310	25.605 .120 300	25.674 .071 310	25.669 .078 310	25.682 .118 300	25.674 .156 310	25.675 .168 300	25.645 .170 309	25.626 .153 3650	
20	MEAN S.D. TOTAL OBS	25.660 .169 310	25.660 .166 281	25.562 .158 310	25.576 .148 299	25.585 .142 310	25.629 .123 299	25.704 .070 310	25.702 .080 310	25.715 .119 300	25.705 .157 310	25.704 .169 300	25.675 .170 309	25.656 .152 3648	
23	MEAN S.D. TOTAL OBS	25.671 .169 310	25.673 .170 281	25.578 .160 310	25.601 .148 299	25.614 .141 310	25.664 .121 300	25.739 .069 310	25.727 .080 310	25.732 .117 300	25.716 .156 310	25.714 .172 300	25.684 .172 309	25.676 .152 3649	
ALL HOURS	MEAN S.D. TOTAL OBS	25.665 .170 2359	25.664 .174 2166	25.571 .168 2391	25.591 .154 2321	25.605 .141 2387	25.657 .122 2307	25.726 .076 2416	25.717 .082 2428	25.725 .118 2340	25.712 .158 2426	25.708 .173 2341	25.671 .172 2415	25.668 .155 28297	

USAF ETAC FORM 0-89-5 (OL A)
OCT 78

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23008

CANNON AFB NM

69-70,73-81

STATION		STATION NAME												YEARS	
HRS (LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00	MEAN	1017.7	1016.3	1012.2	1010.8	1010.3	1010.9	1013.2	1013.0	1014.3	1015.4	1017.5	1017.0	1014.1	
	S.D.	7.729	7.649	7.661	6.214	5.821	5.162	3.004	3.454	5.300	6.979	7.783	7.521	6.848	
	TOTAL OBS	248	226	252	246	248	240	276	284	270	283	270	279	3122	
05	MEAN	1017.9	1016.2	1012.4	1011.5	1010.8	1011.8	1013.8	1013.5	1014.9	1016.1	1018.2	1017.3	1014.5	
	S.D.	7.579	7.818	7.381	6.400	5.718	4.988	2.965	3.406	5.137	6.920	7.675	7.510	6.770	
	TOTAL OBS	250	251	279	276	279	269	279	284	270	283	270	279	3269	
08	MEAN	1019.6	1018.5	1013.8	1013.0	1012.1	1012.9	1014.9	1014.7	1016.1	1017.7	1019.4	1018.8	1015.9	
	S.D.	7.577	7.789	7.472	6.837	6.086	5.181	3.161	3.446	5.132	6.844	7.798	7.701	6.953	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
11	MEAN	1019.2	1018.0	1012.9	1012.0	1011.3	1012.0	1014.1	1014.0	1015.6	1016.7	1018.4	1018.2	1015.2	
	S.D.	7.787	7.833	7.685	6.904	6.175	5.203	3.229	3.474	5.340	7.025	7.900	7.844	7.094	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
14	MEAN	1016.0	1015.1	1010.3	1009.8	1009.3	1010.1	1012.3	1012.0	1013.3	1014.2	1015.8	1015.4	1012.8	
	S.D.	7.858	7.717	7.571	6.696	6.102	5.119	3.167	3.475	5.436	6.969	7.754	7.736	6.911	
	TOTAL OBS	310	282	310	300	310	299	310	310	300	309	300	310	3650	
17	MEAN	1016.6	1015.2	1010.0	1009.1	1008.3	1009.0	1011.2	1011.2	1012.9	1014.3	1016.5	1016.4	1012.6	
	S.D.	7.667	7.420	7.261	6.506	6.107	5.275	3.076	3.503	5.418	6.900	7.527	7.537	7.039	
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3650	
20	MEAN	1018.4	1017.2	1011.9	1010.7	1009.6	1009.9	1012.4	1012.7	1014.4	1015.9	1018.0	1018.2	1014.1	
	S.D.	7.659	7.397	7.096	6.596	6.225	5.380	3.134	3.568	5.389	6.962	7.596	7.546	7.124	
	TOTAL OBS	310	281	310	299	310	299	310	310	300	310	300	309	3648	
23	MEAN	1018.1	1016.9	1012.1	1011.3	1010.5	1011.1	1013.6	1013.4	1014.8	1015.8	1017.7	1017.7	1014.4	
	S.D.	7.790	7.634	7.304	6.629	6.186	5.361	3.100	3.562	5.412	7.007	7.821	7.686	6.996	
	TOTAL OBS	310	281	310	299	310	300	310	310	300	310	300	309	3649	
ALL HOURS	MEAN	1018.0	1016.7	1011.9	1011.0	1010.3	1010.9	1013.2	1013.1	1014.5	1015.8	1017.7	1017.4	1014.2	
	S.D.	7.784	7.731	7.511	6.701	6.167	5.346	3.294	3.638	5.411	7.028	7.793	7.699	7.053	
	TOTAL OBS	2358	2166	2391	2320	2387	2307	2415	2428	2340	2425	2340	2415	28292	

DATE
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